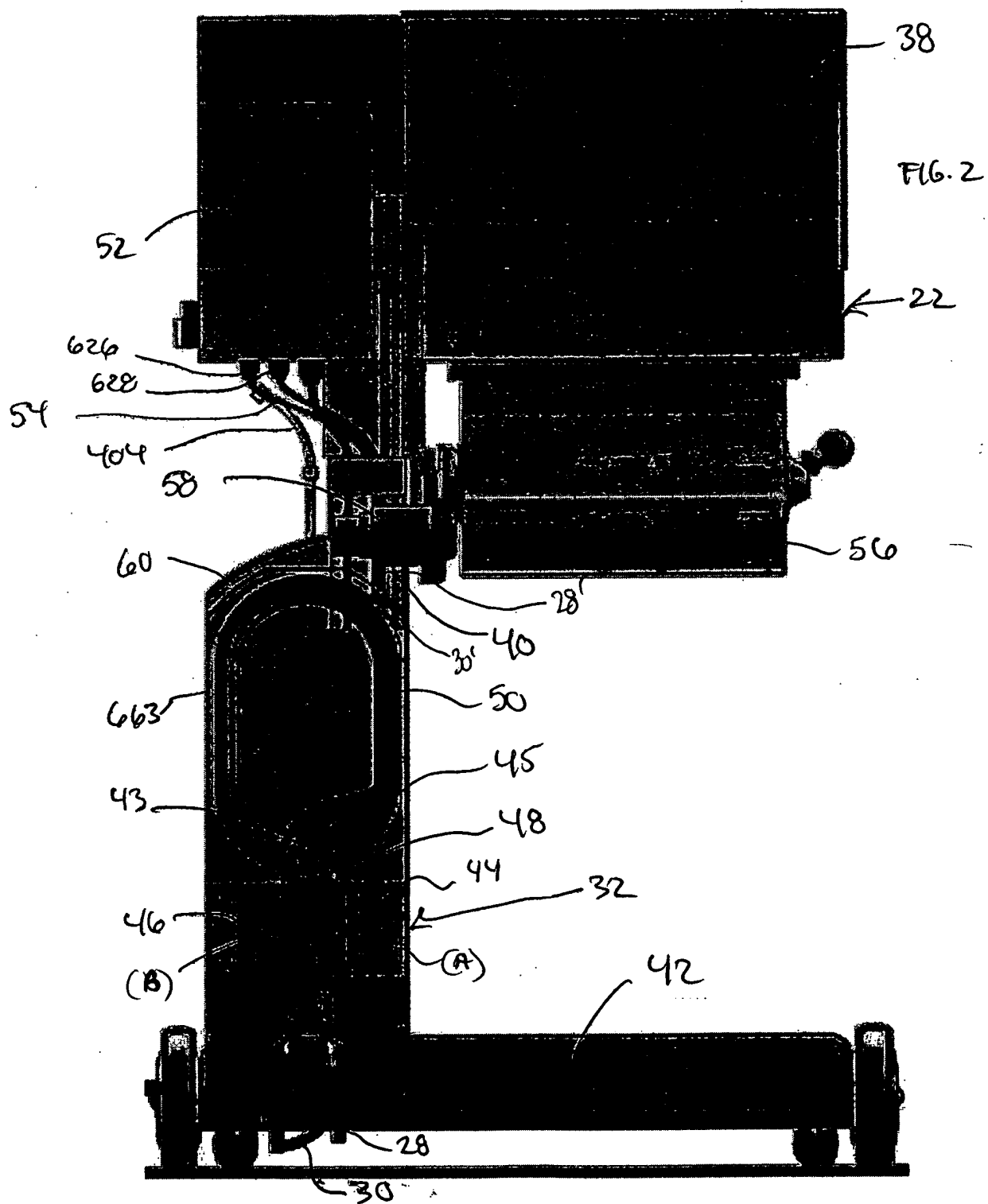


FIG. 1



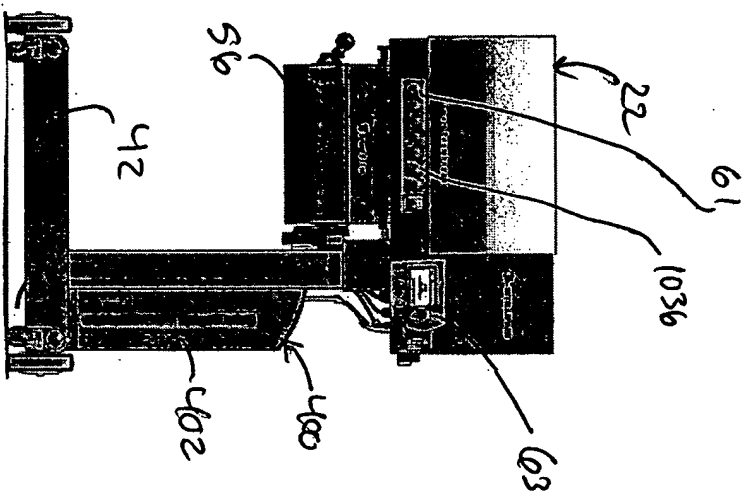
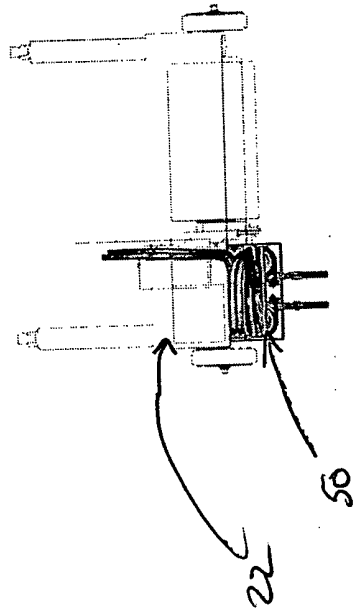


FIG. 3

FIG. 4



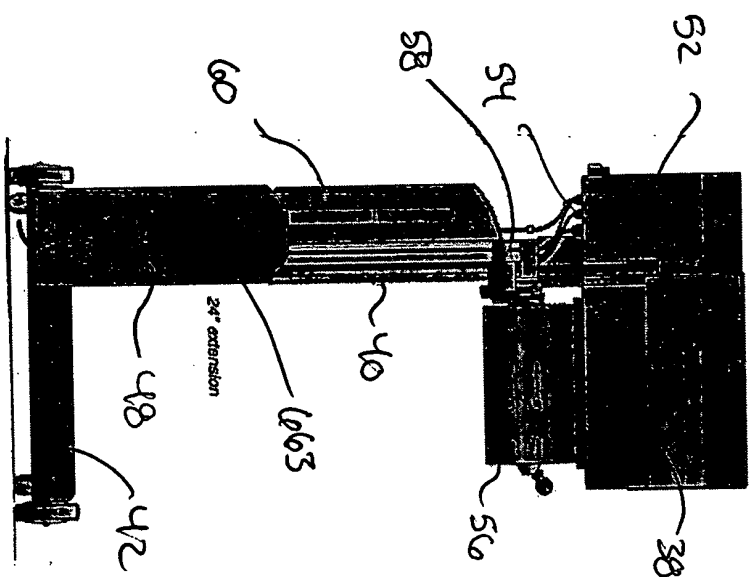


FIG. 5

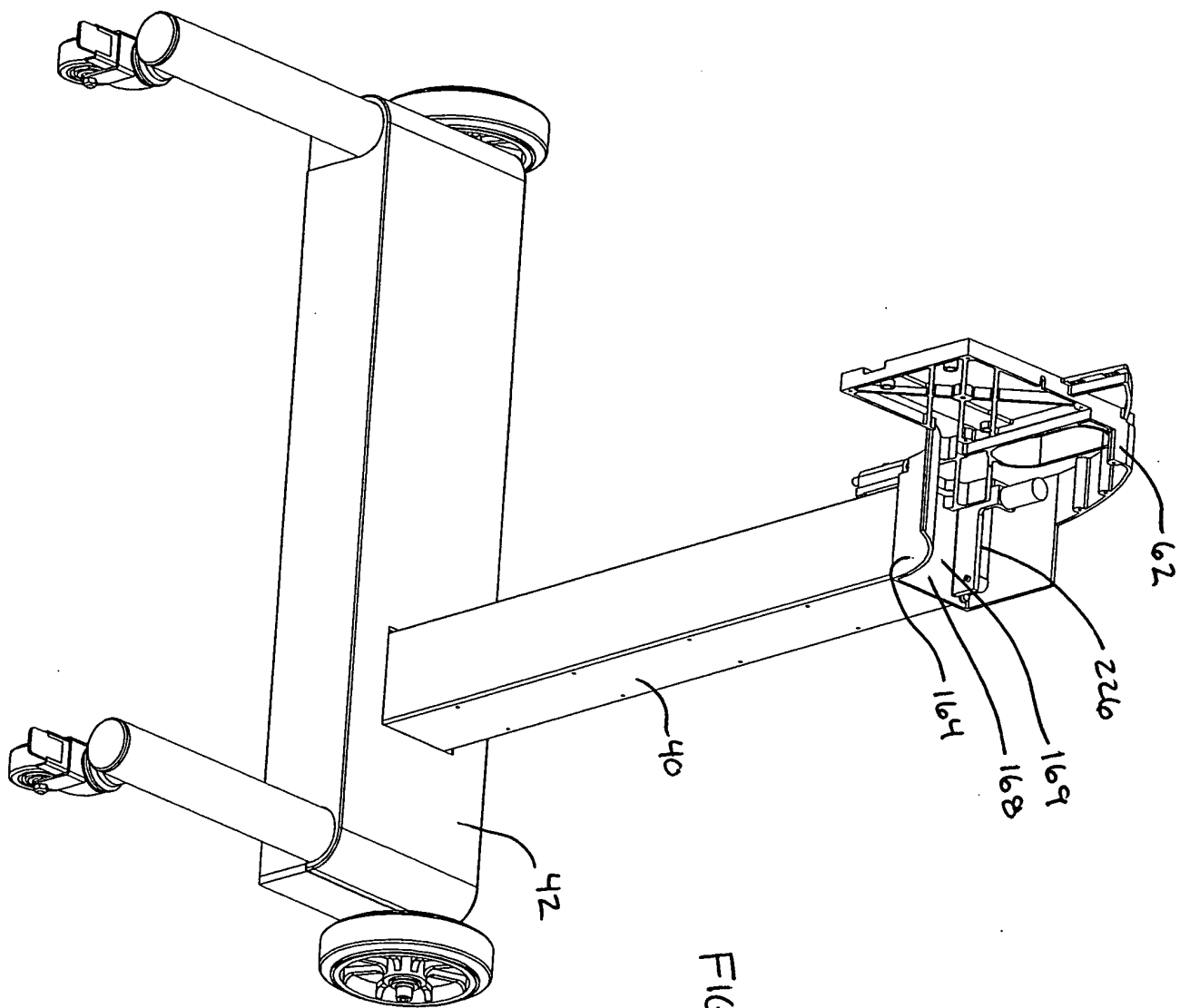


FIG. 6

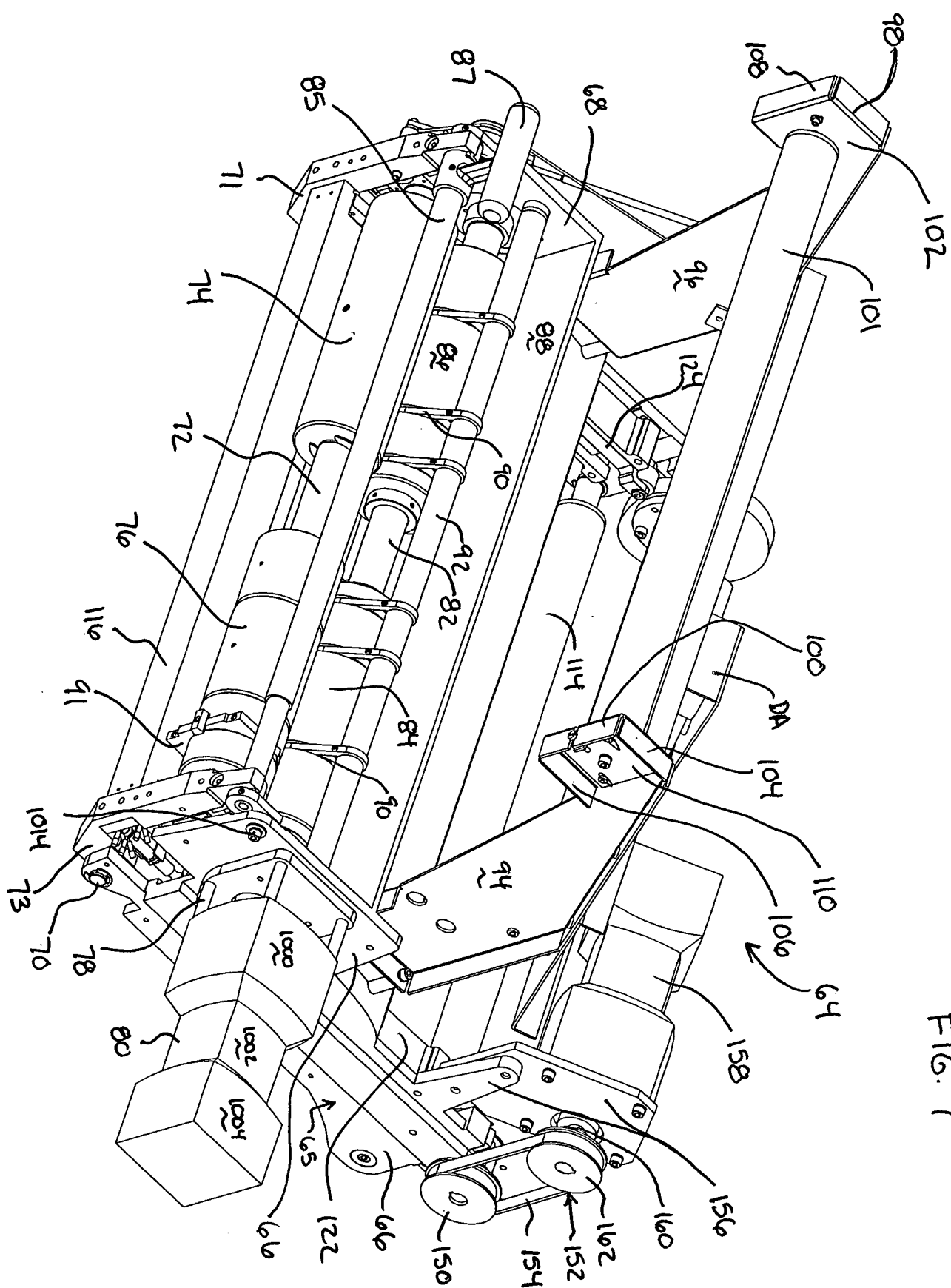


Fig. 7

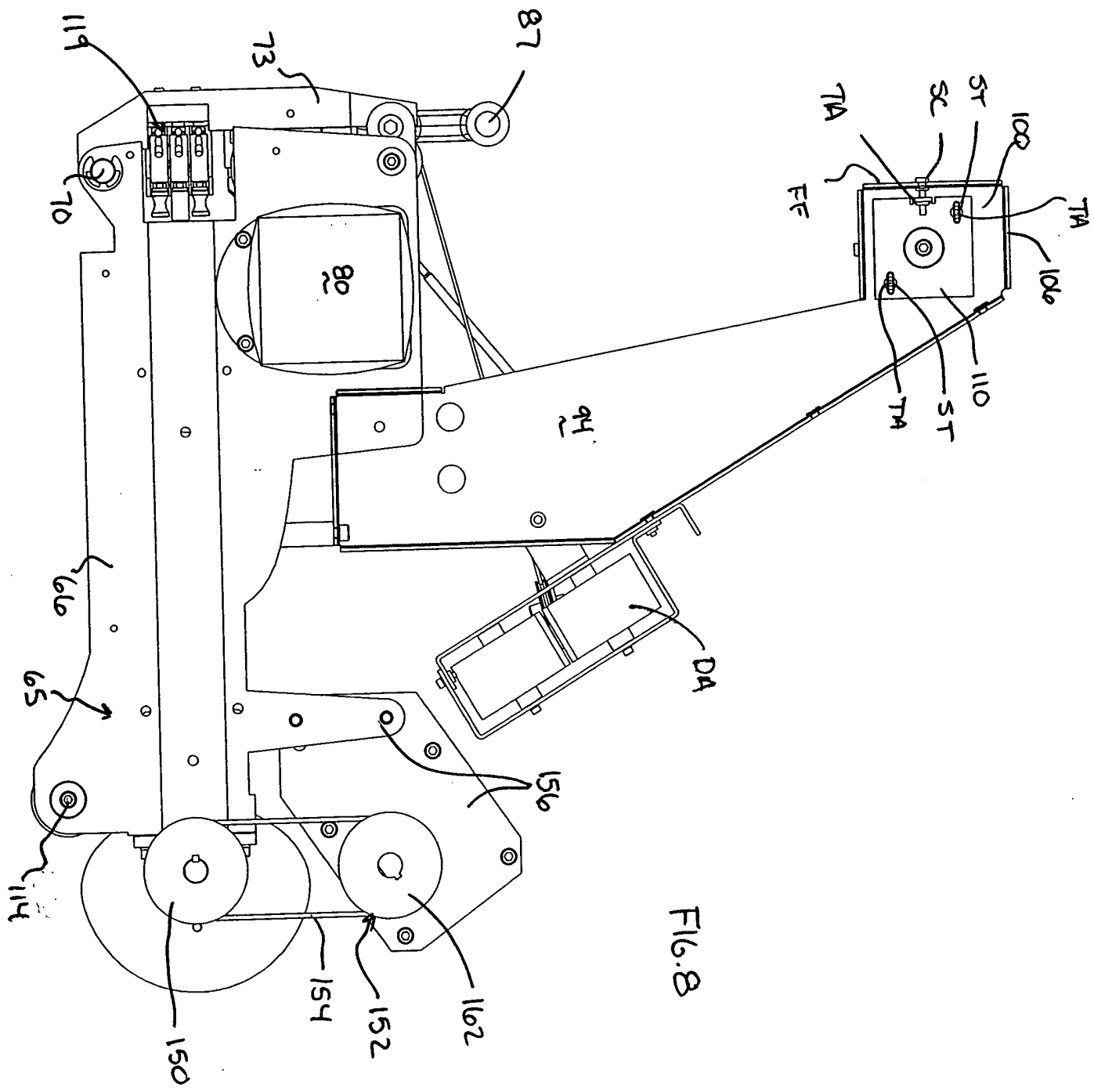


FIG. 8

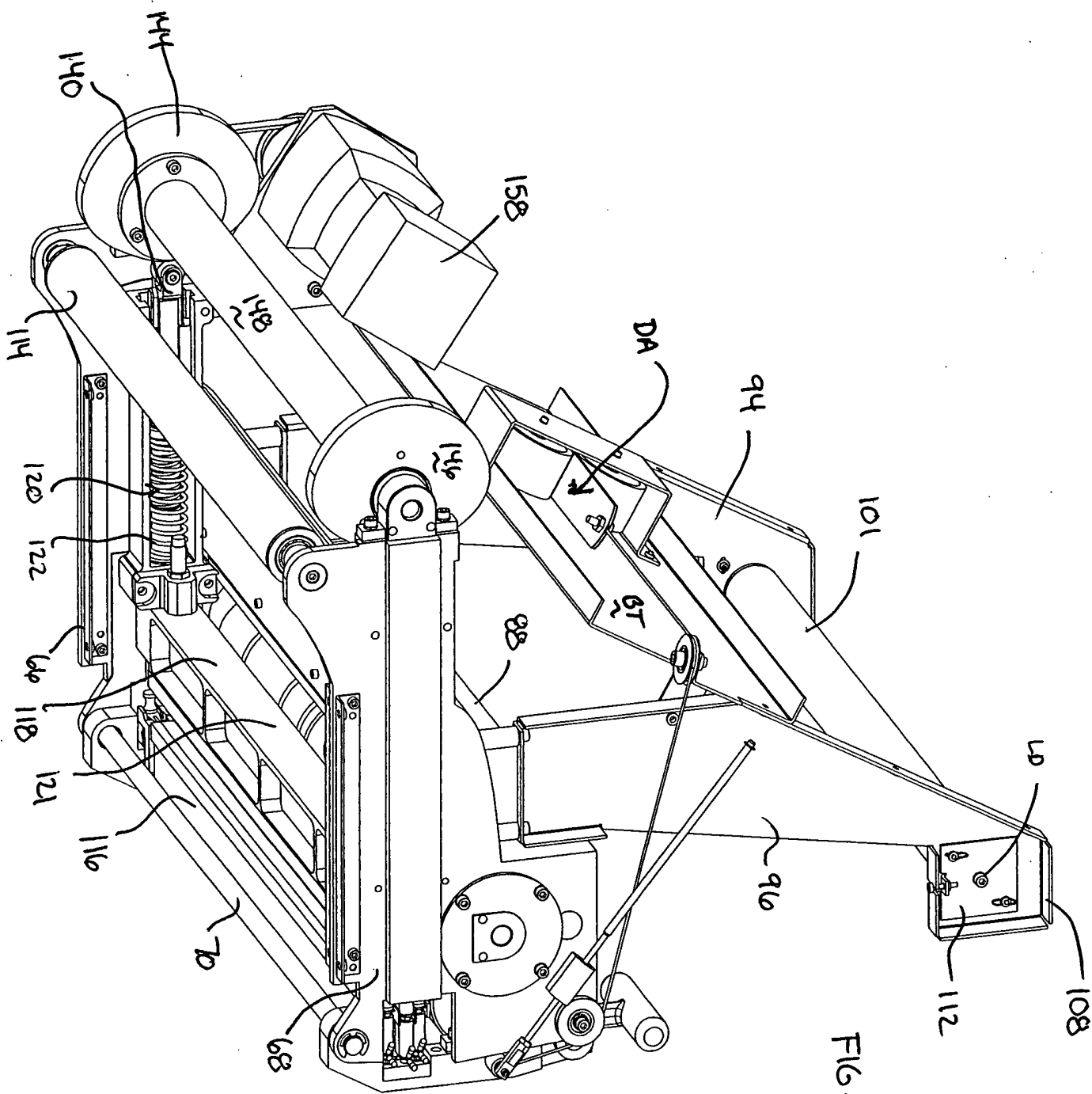


FIG. 9

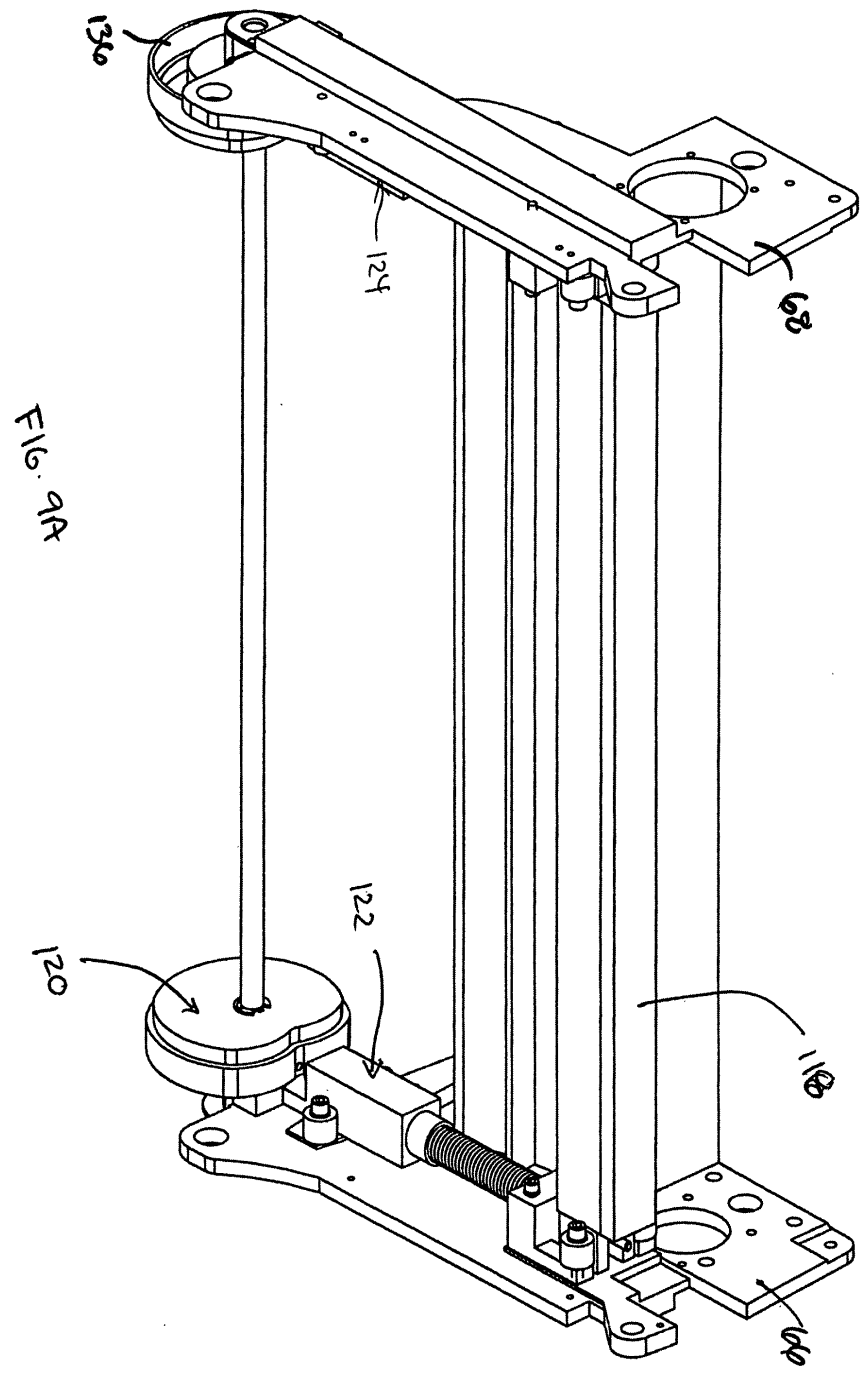
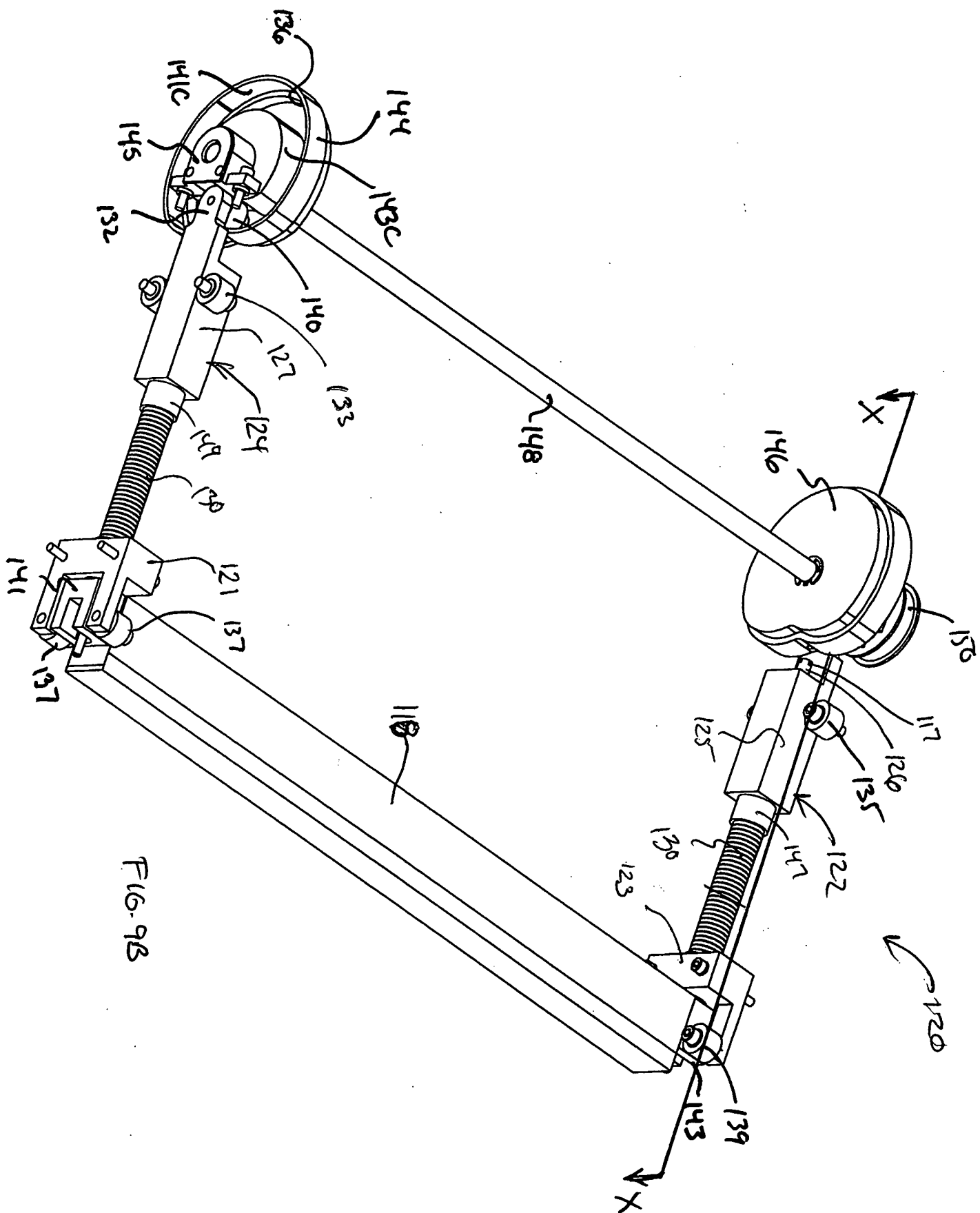


FIG. 9A



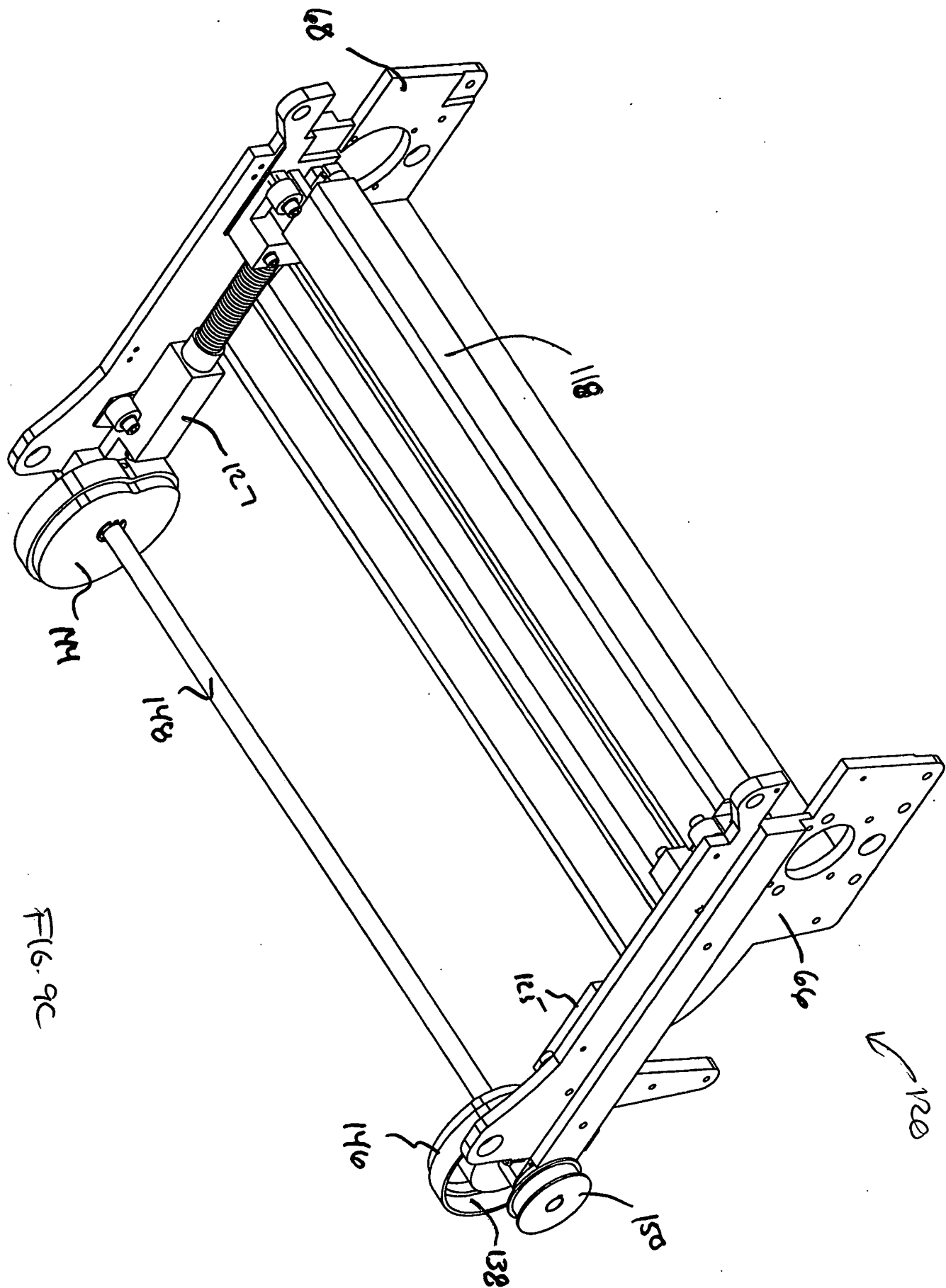


FIG. 9C

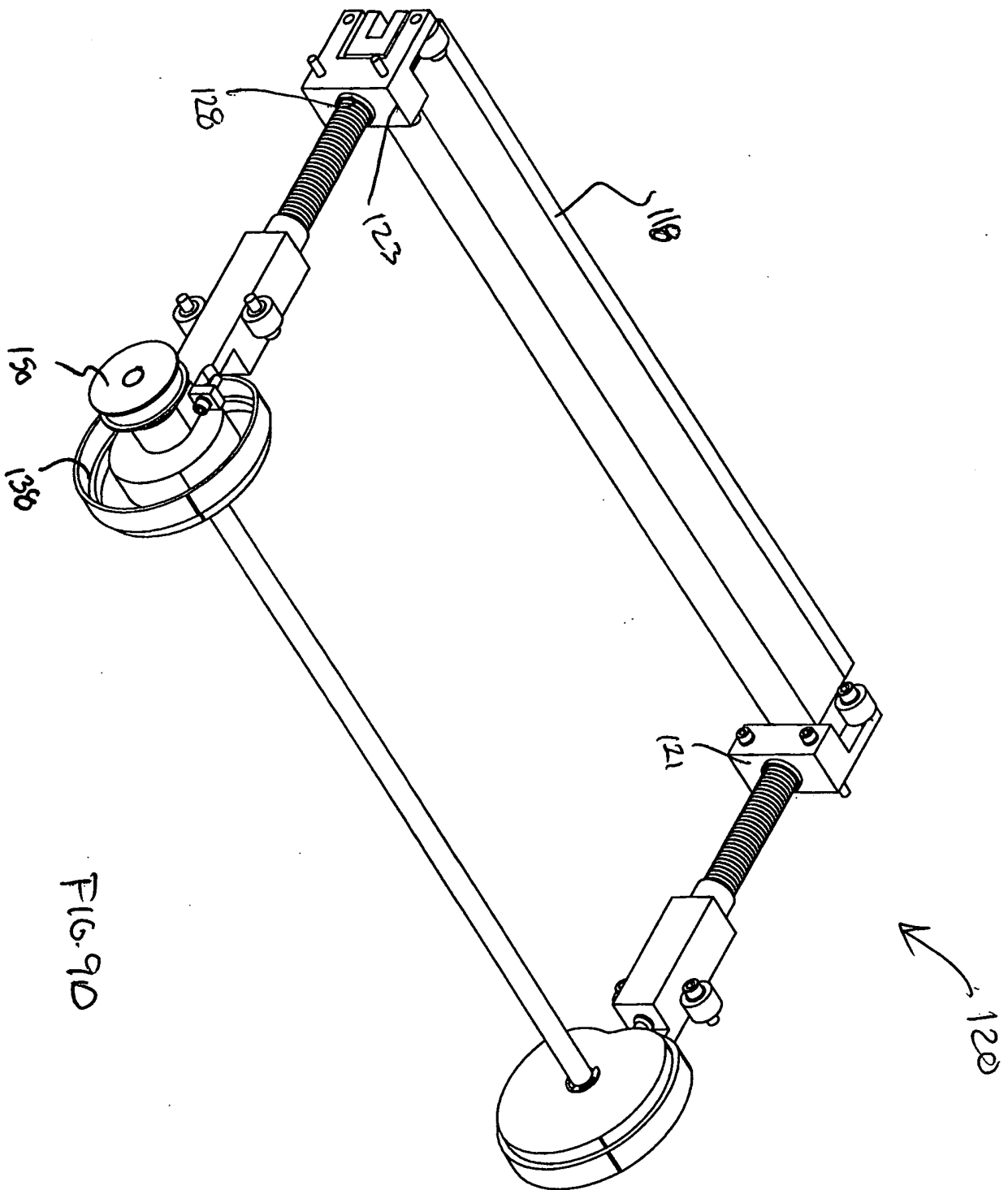
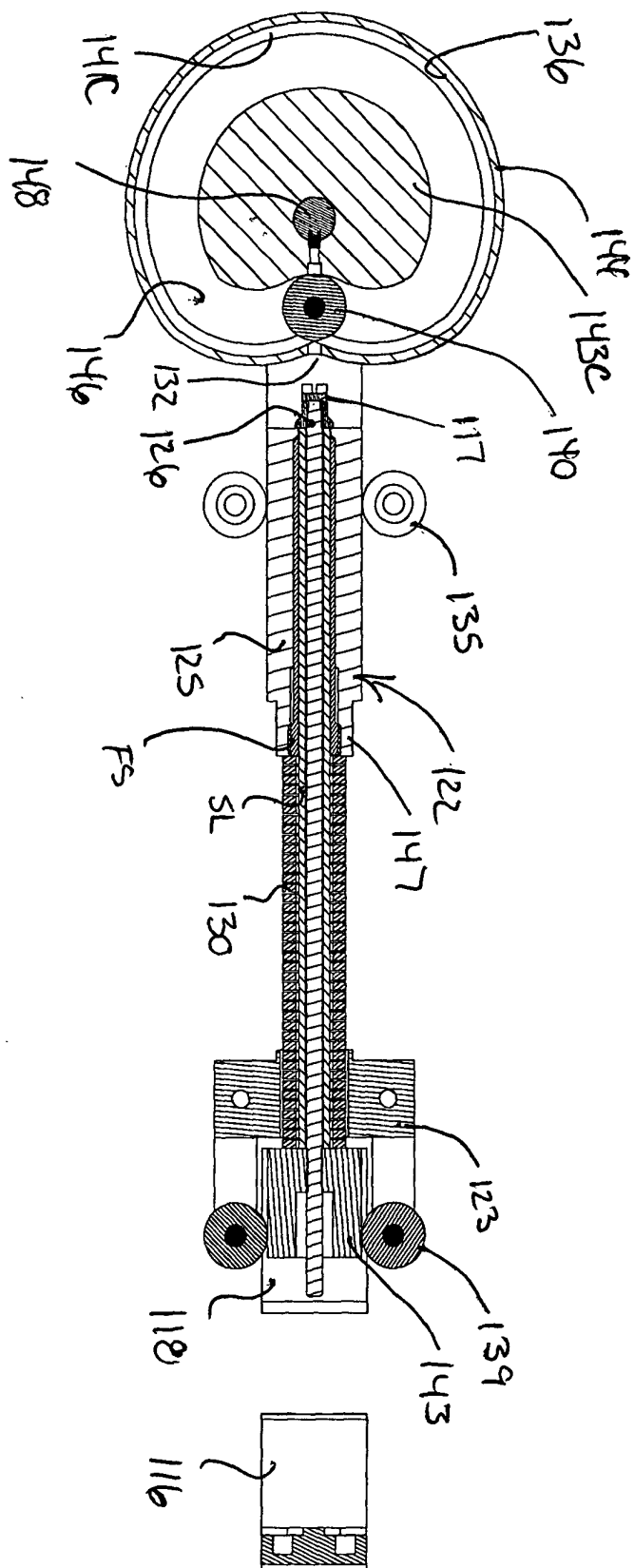


FIG. 9D

FIG. 9E



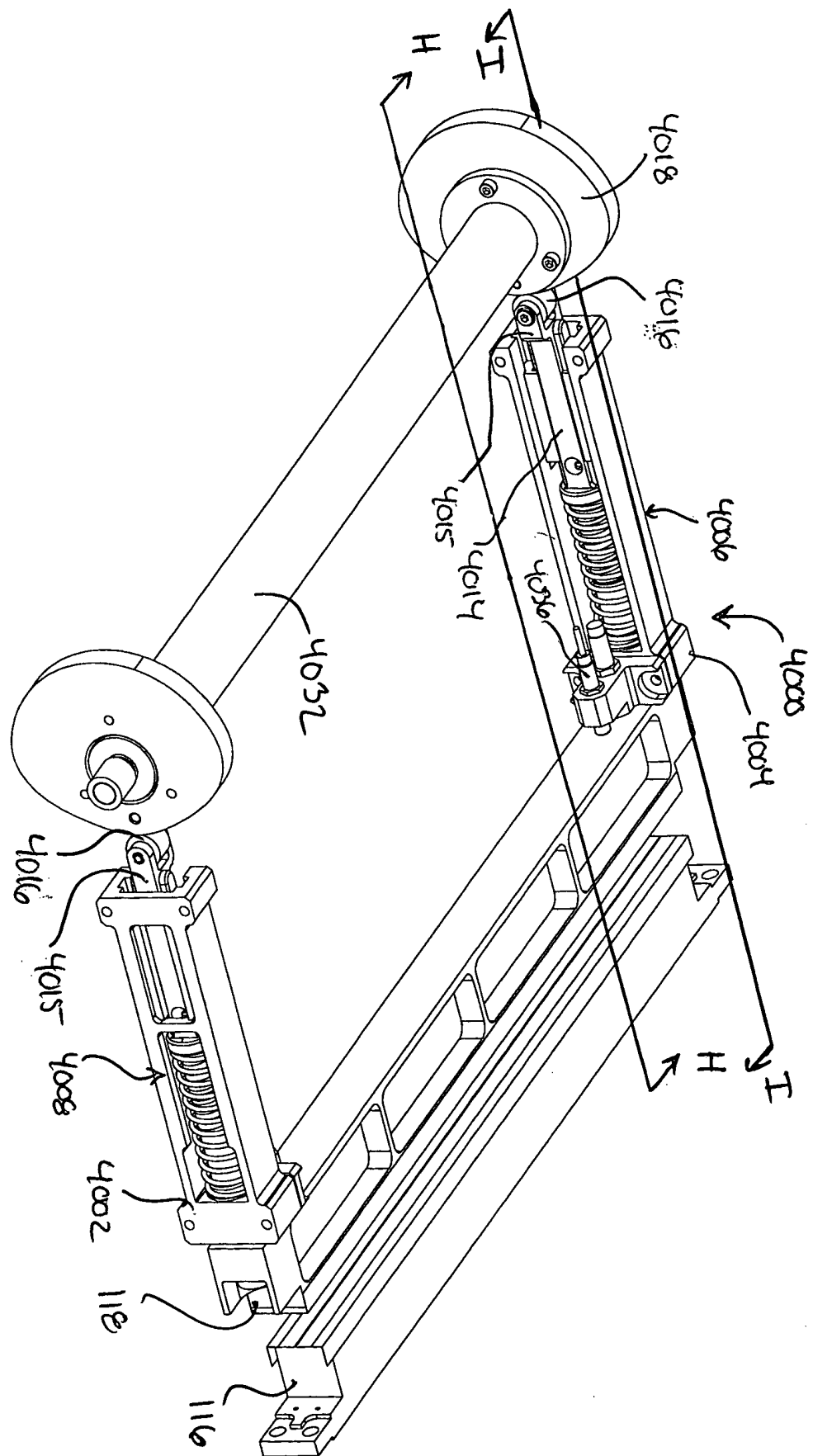
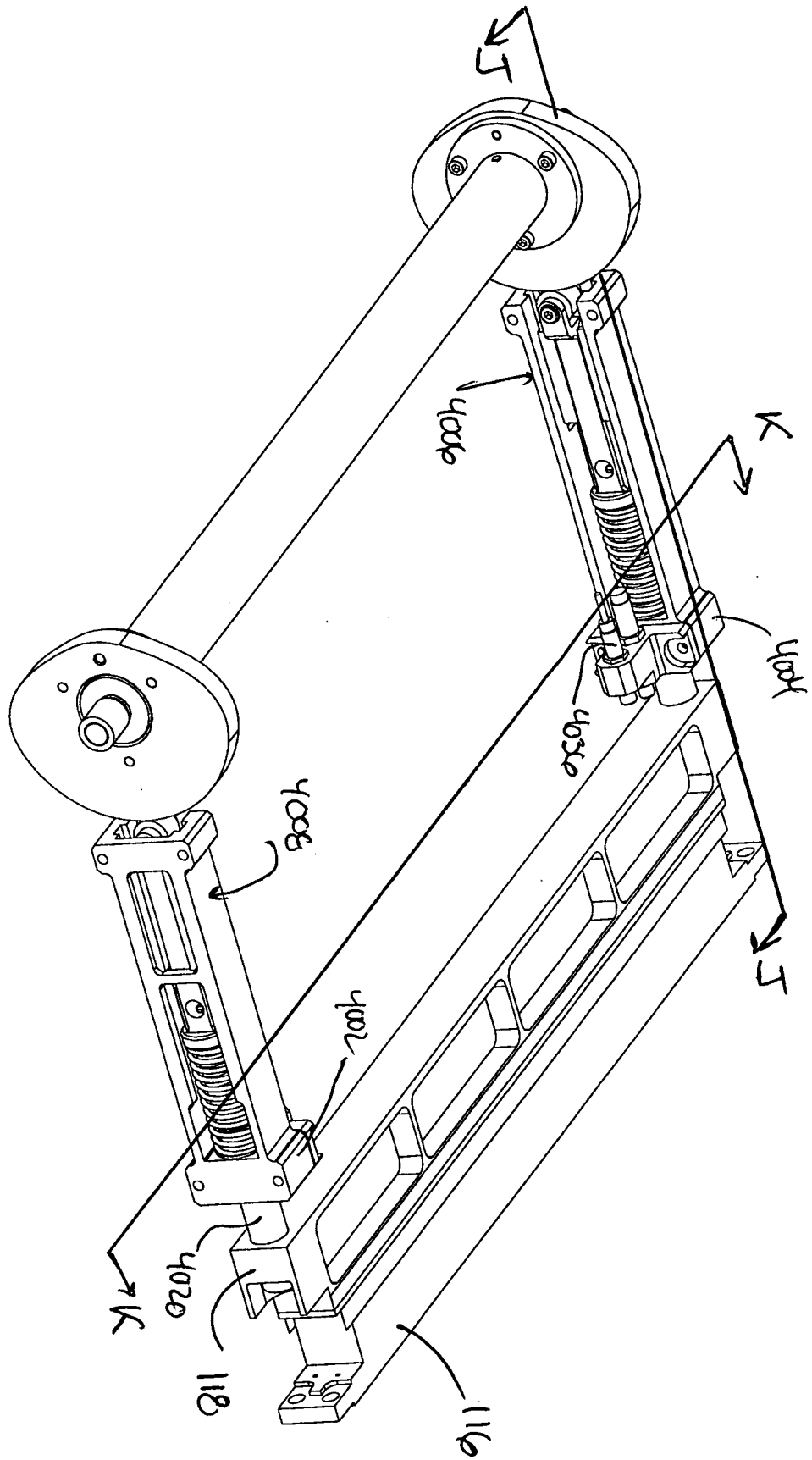


FIG. 9F

FIG. 9C



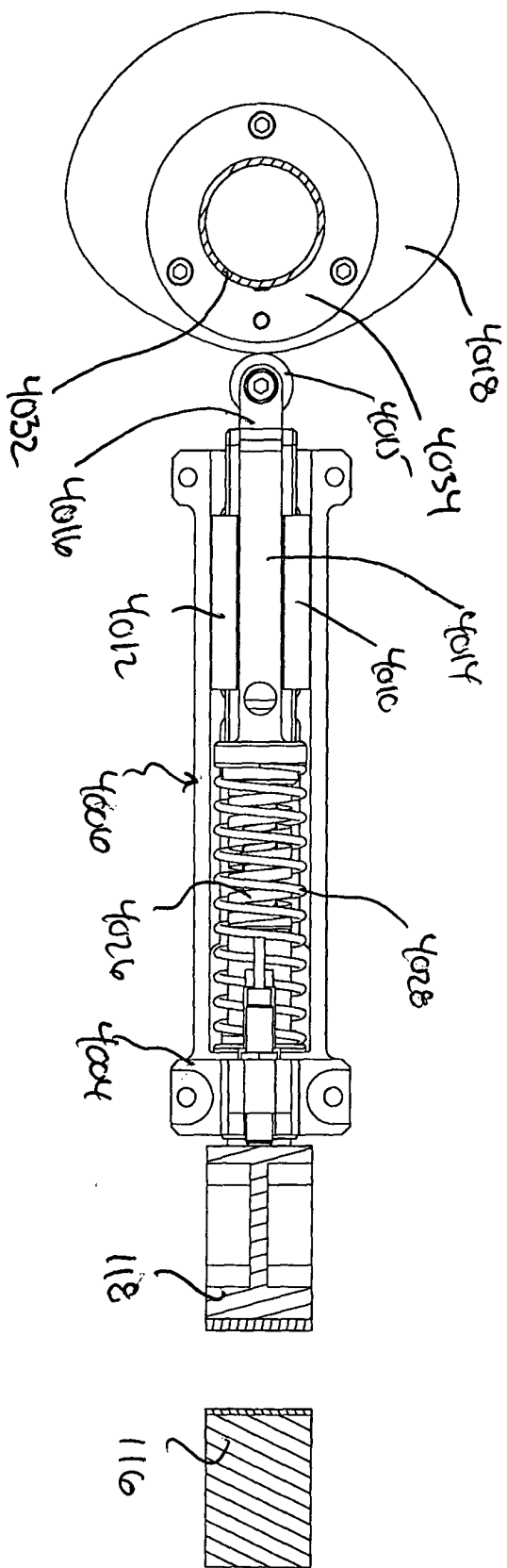


FIG. 9H

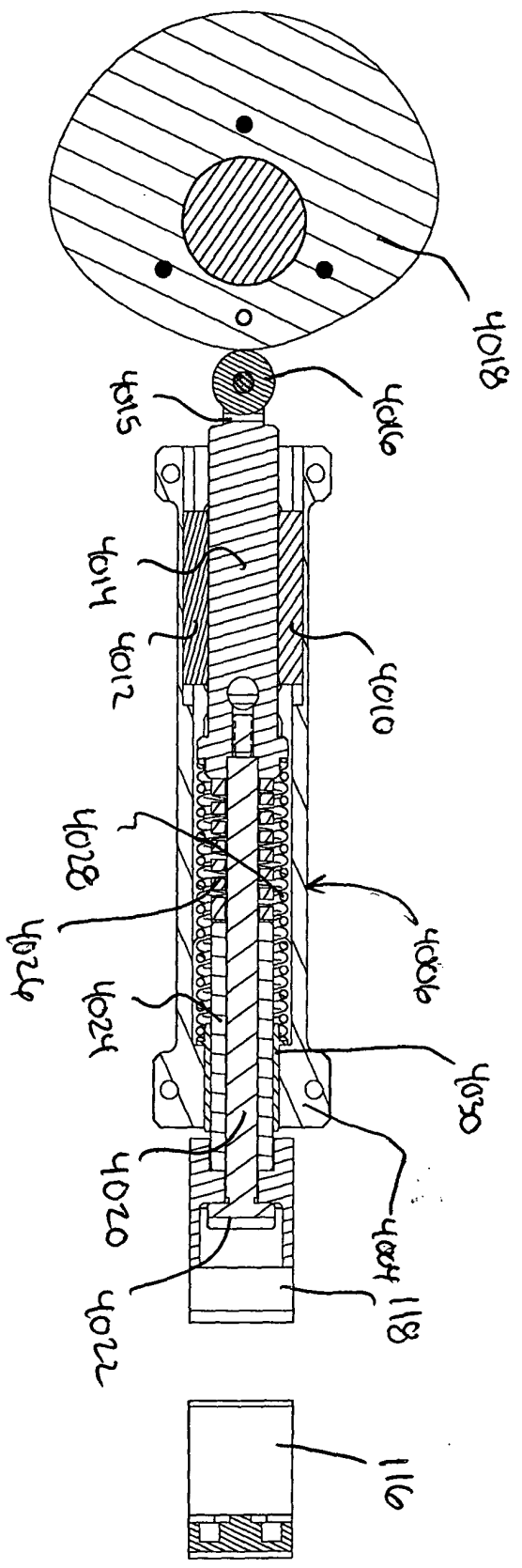


FIG. 9I

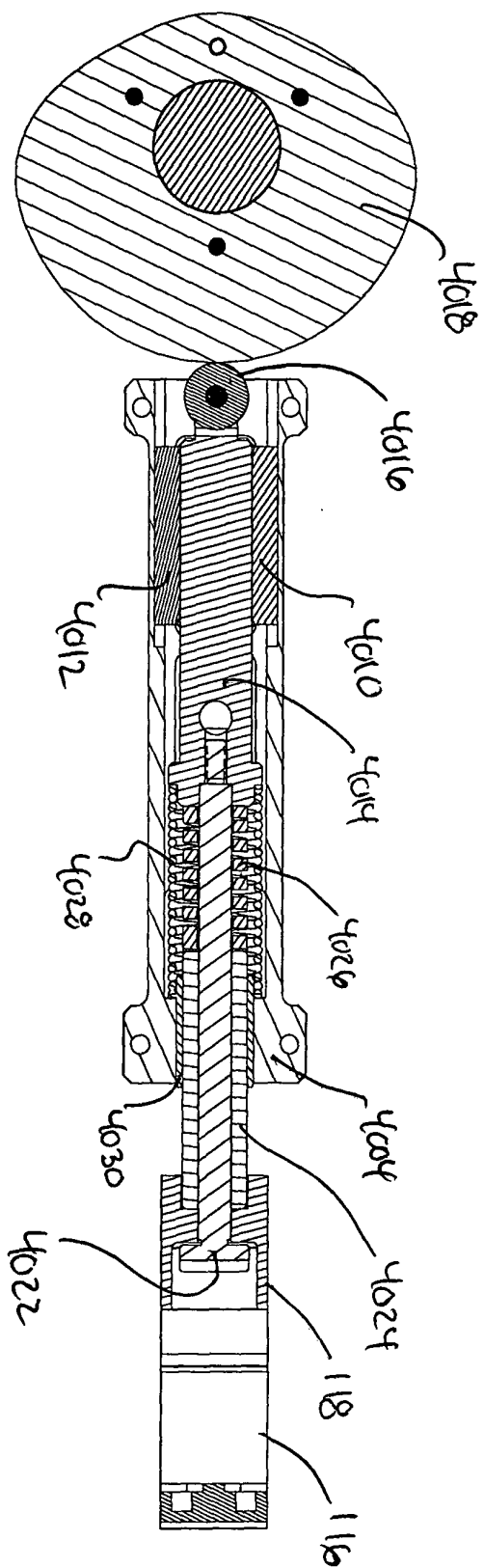


FIG. 95

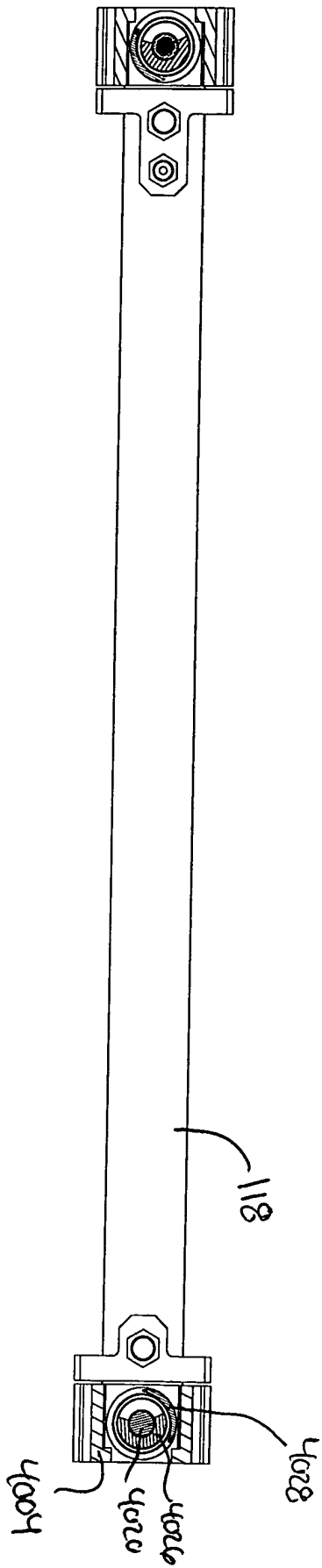
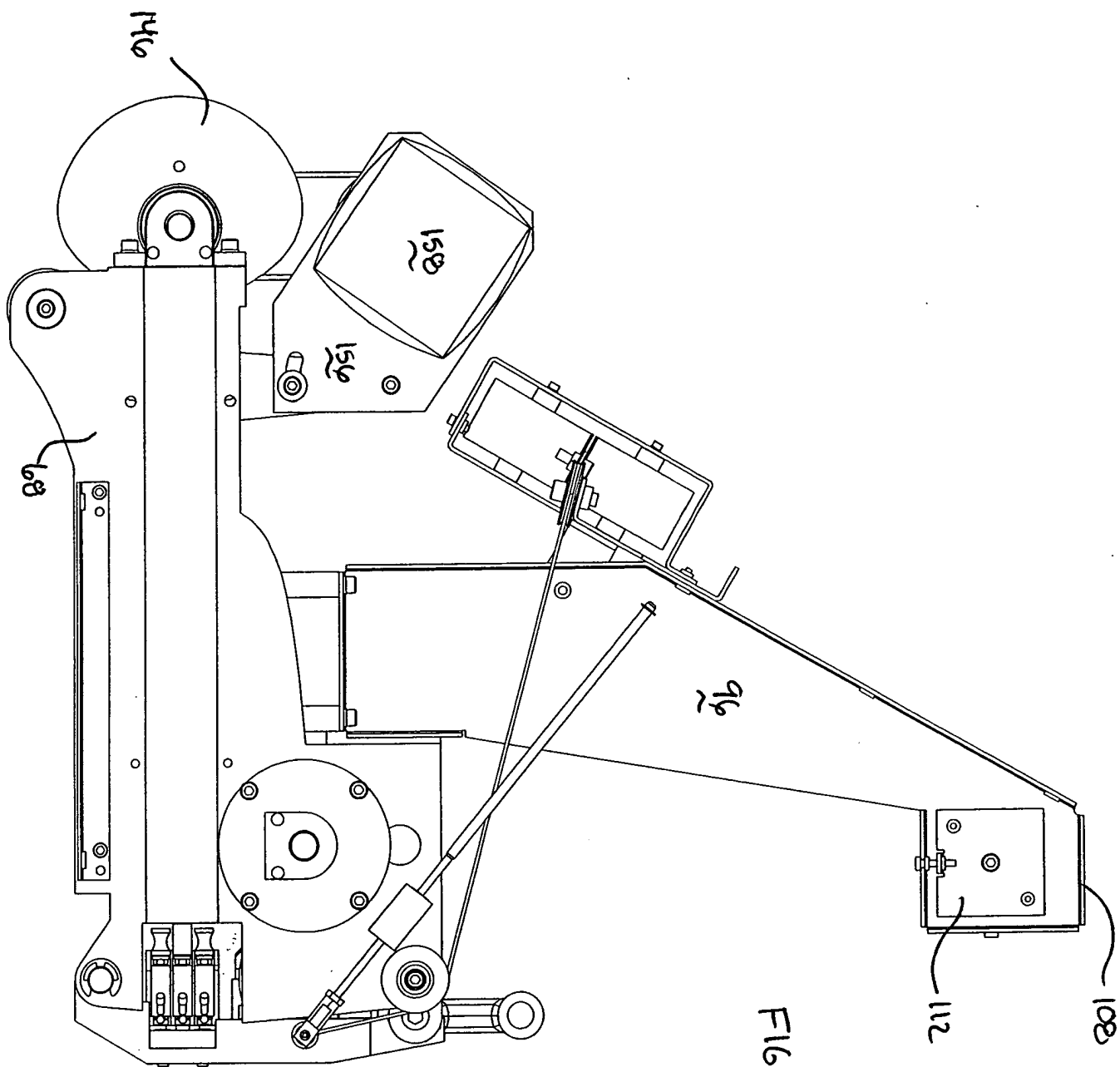
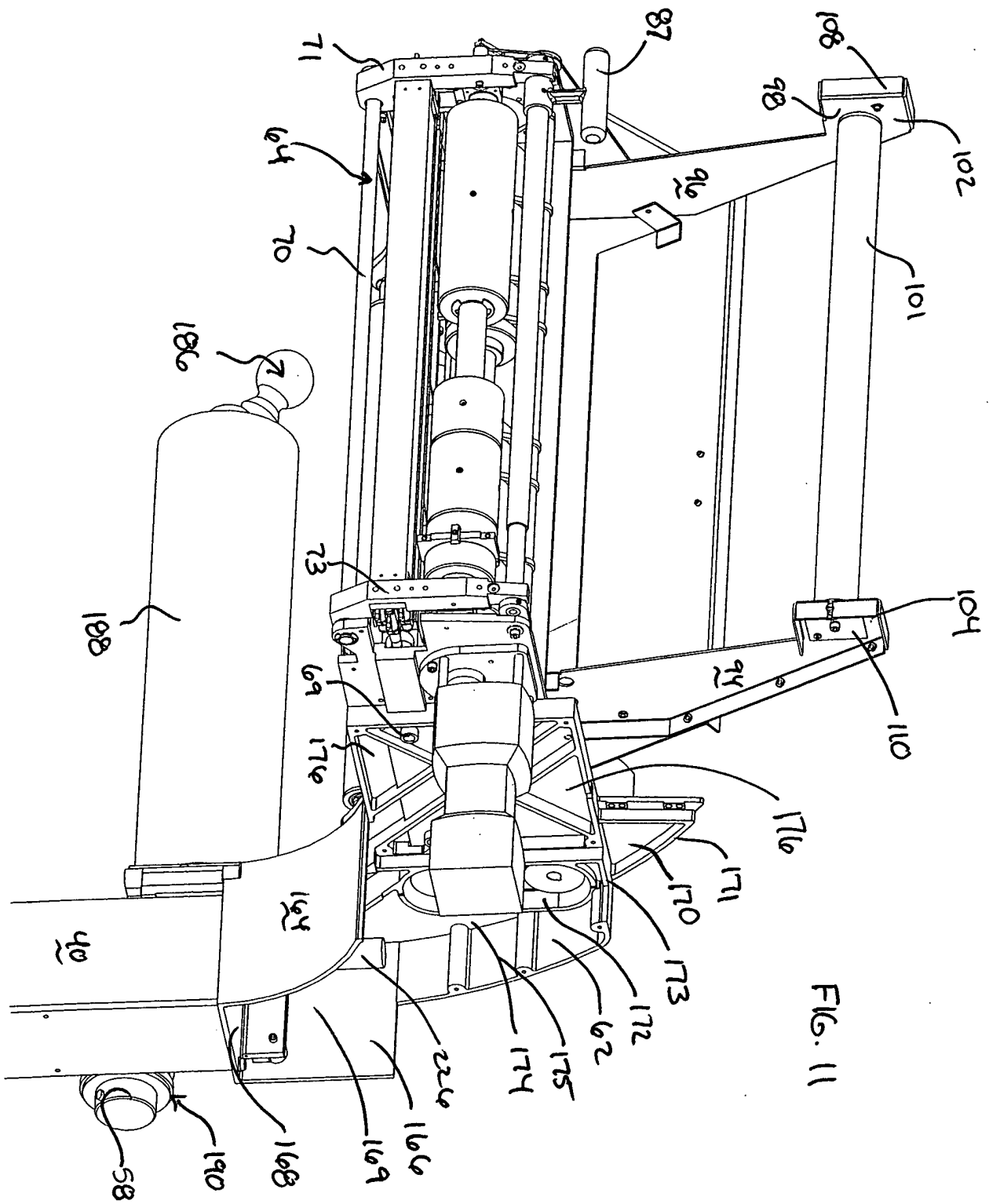
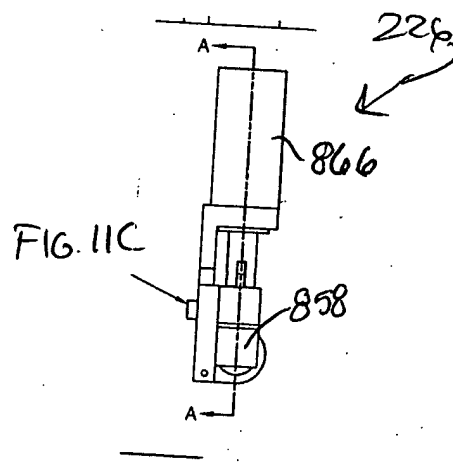
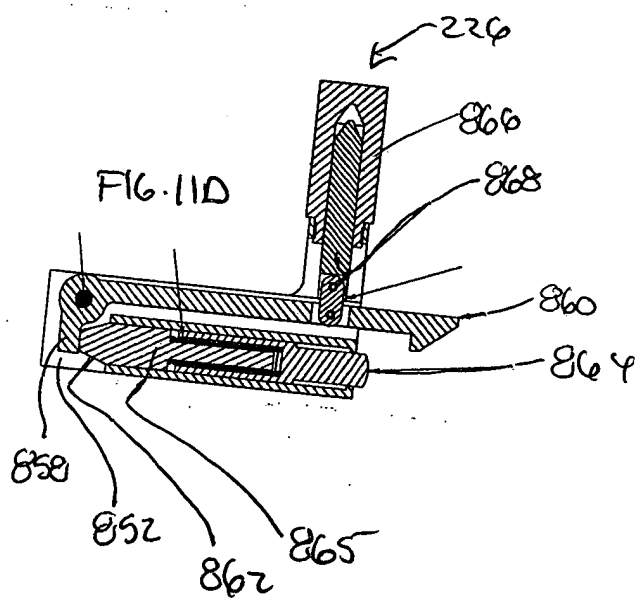
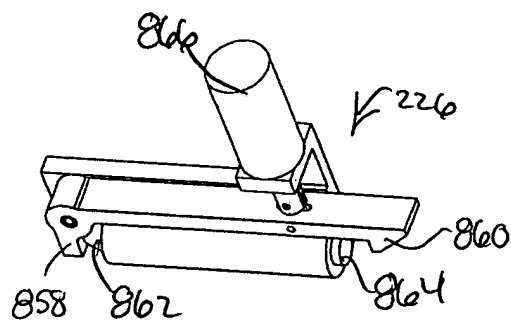
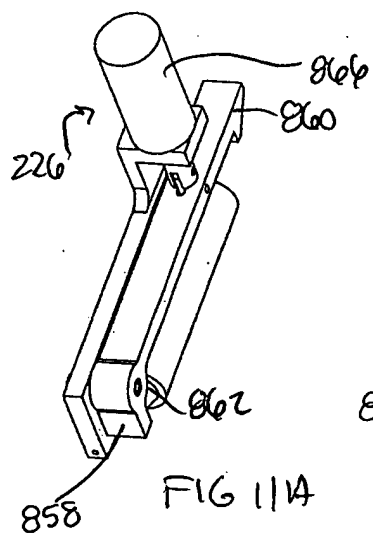


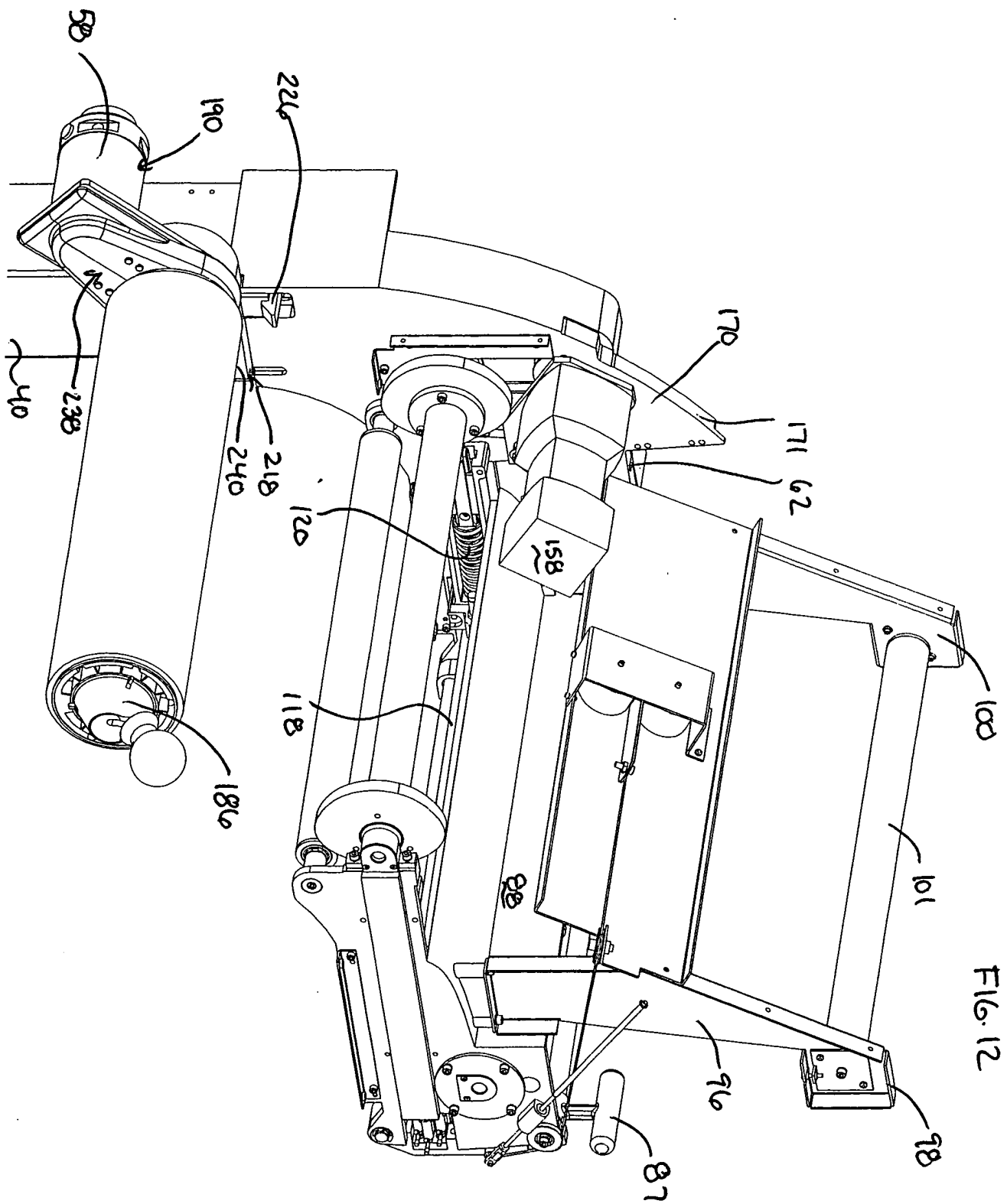
FIG. 9K



F16.10







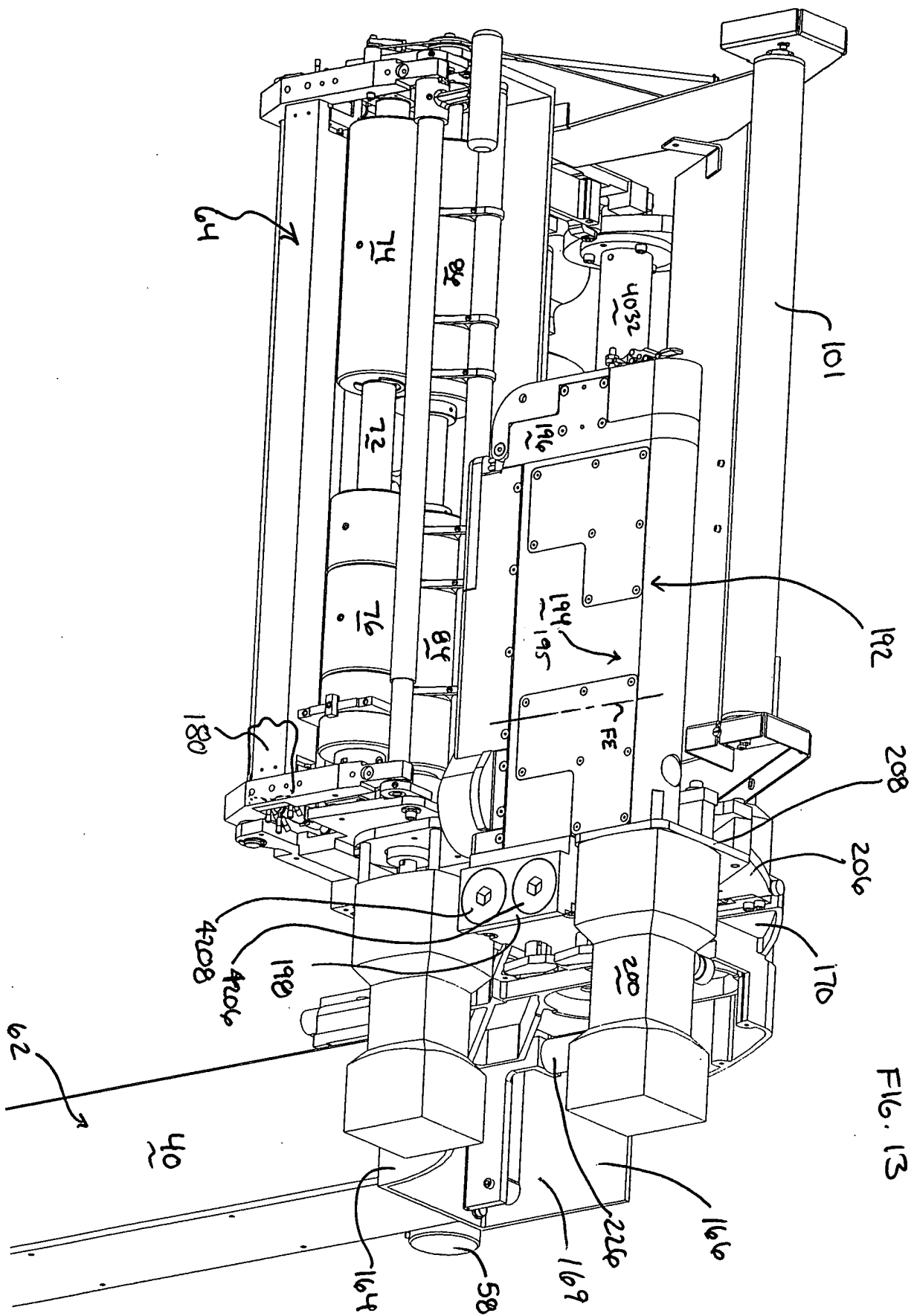
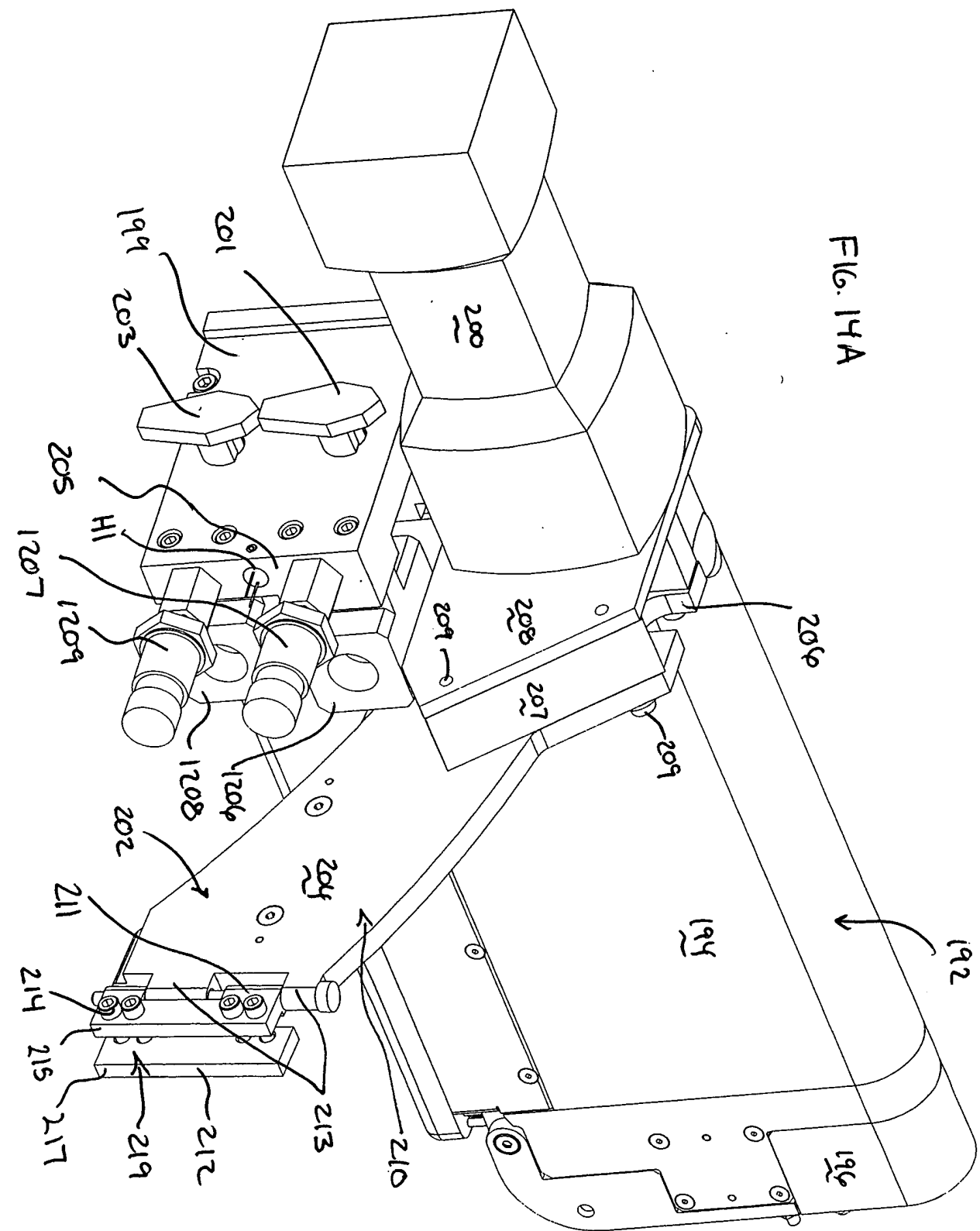
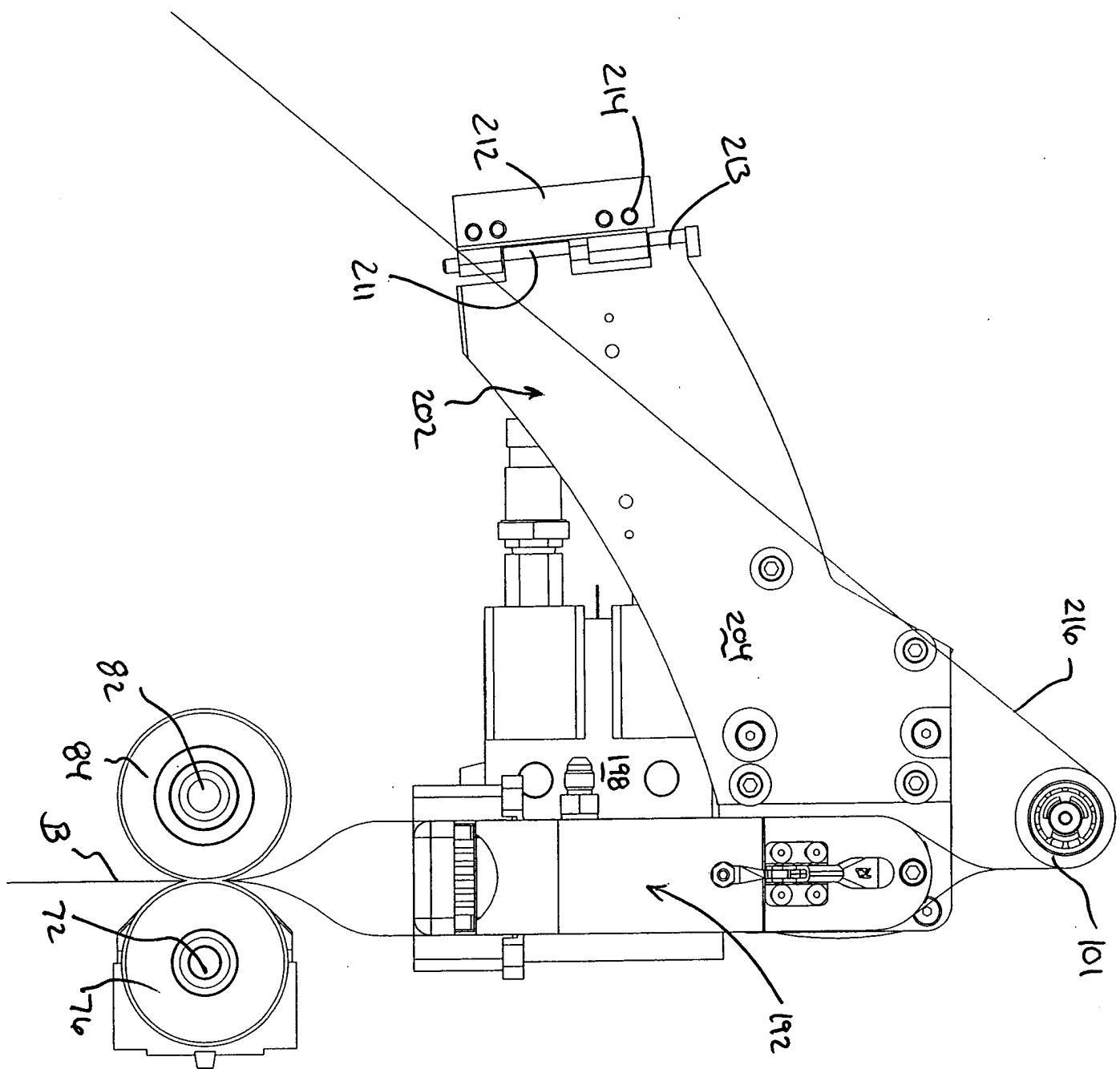


FIG. 13





F16. 145

FIG 15A

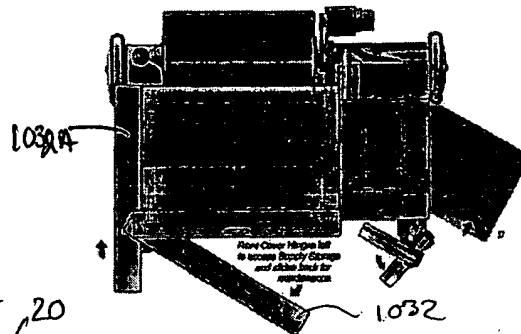


FIG. 15

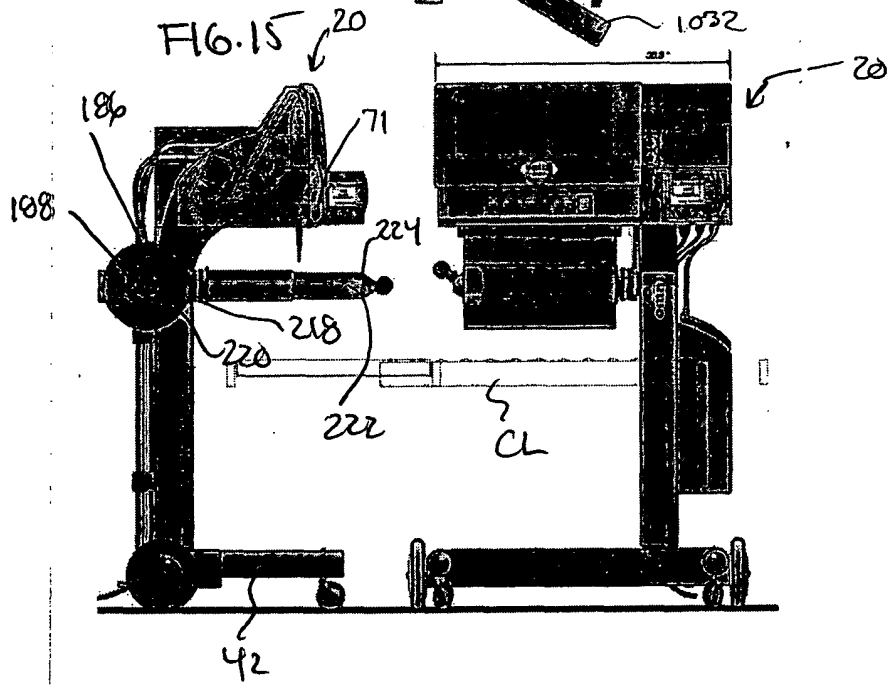
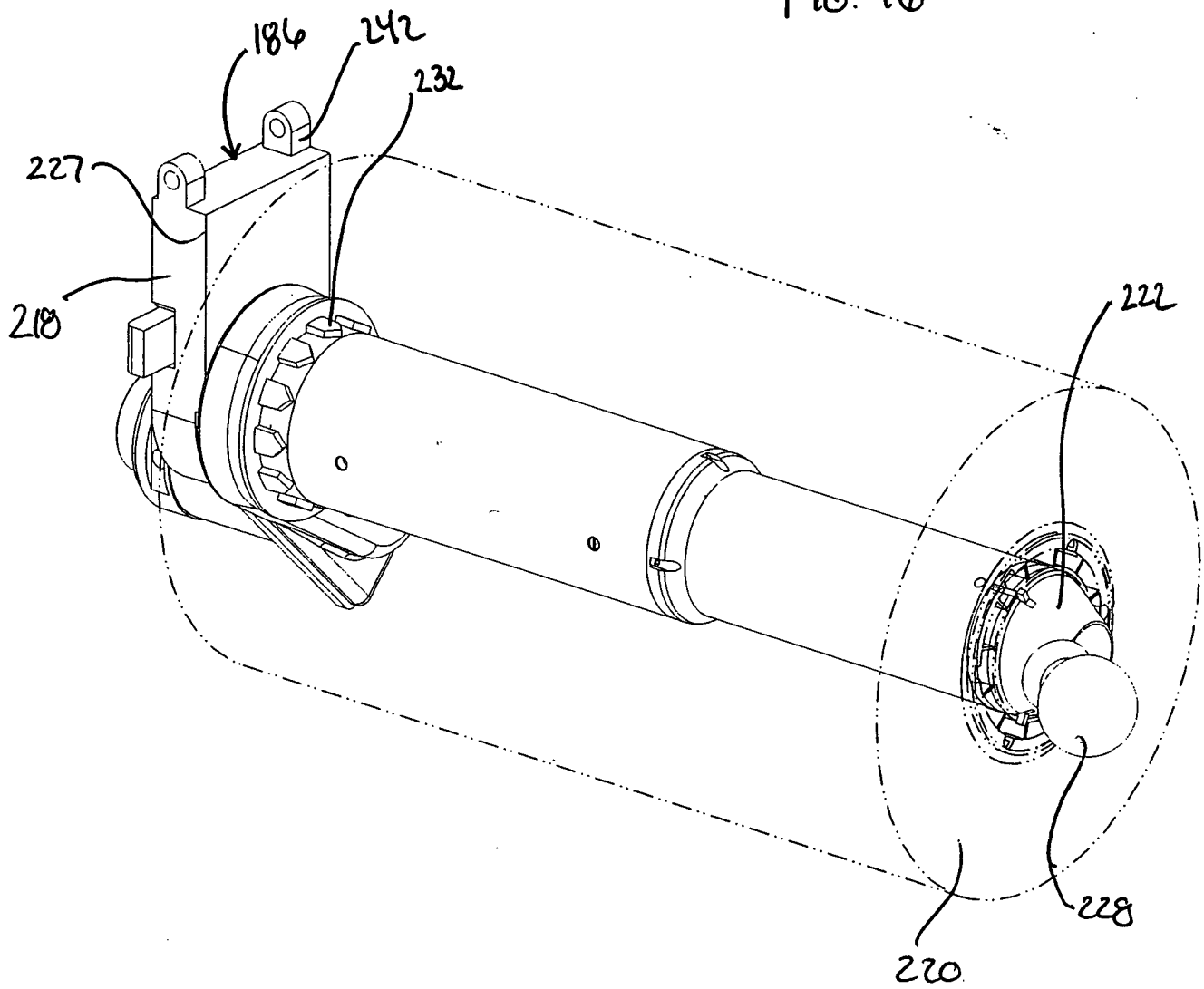


FIG-15B

FIG. 16



F16.17

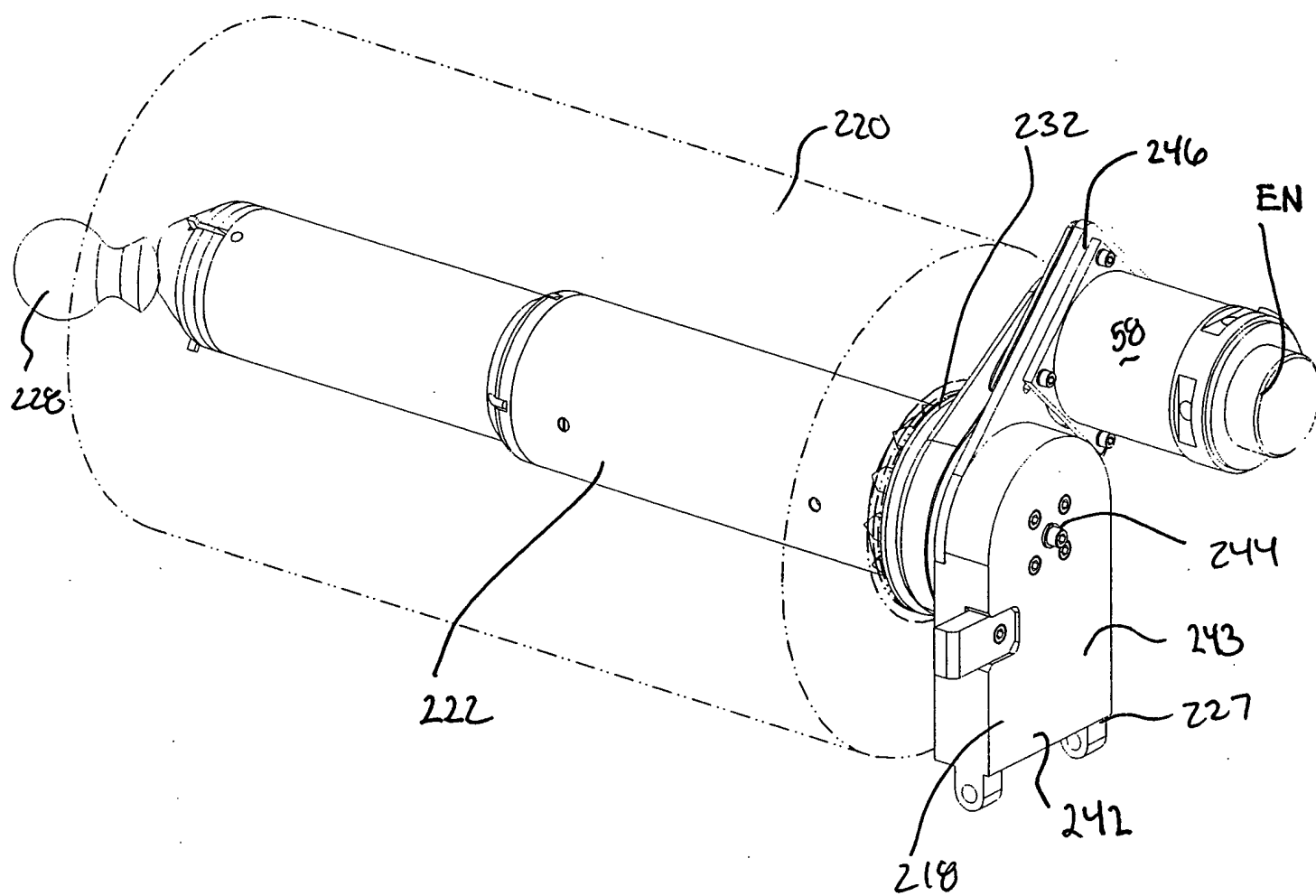
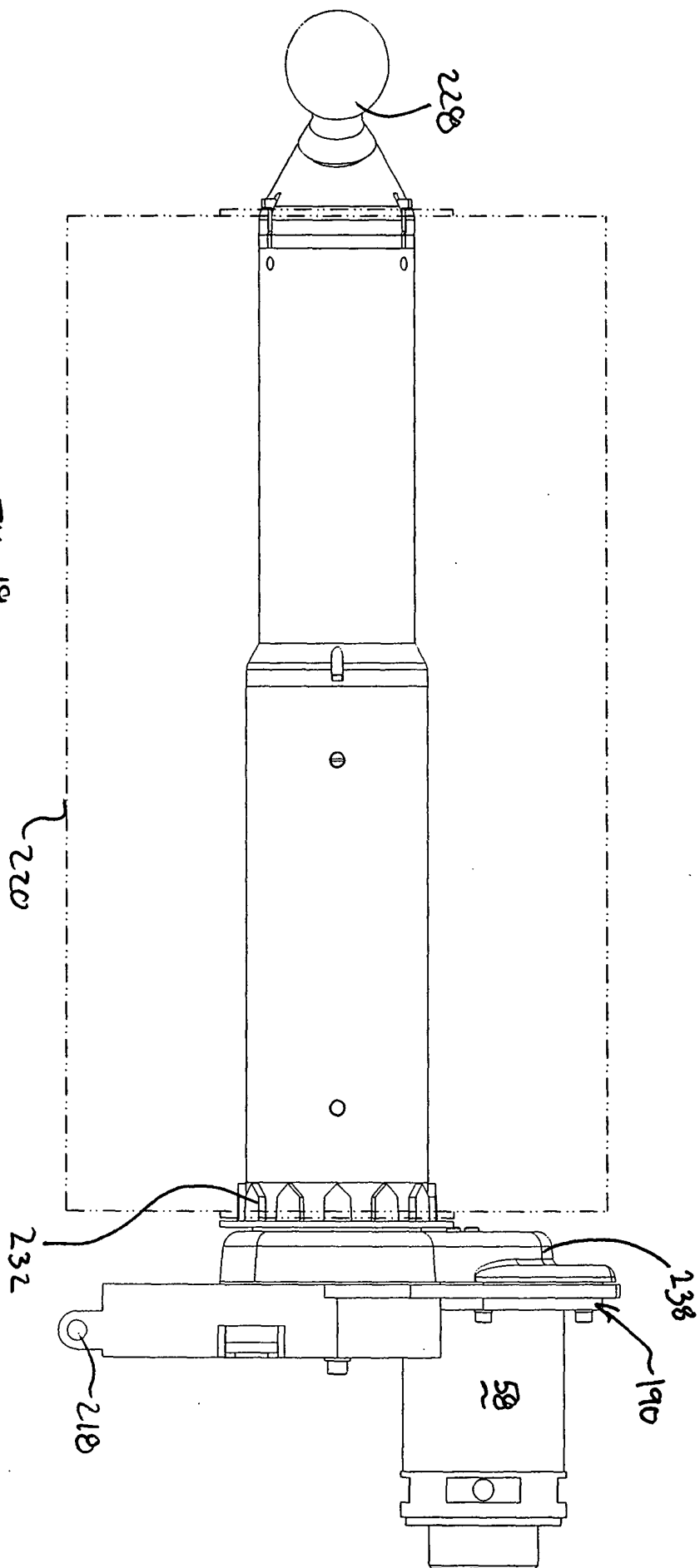
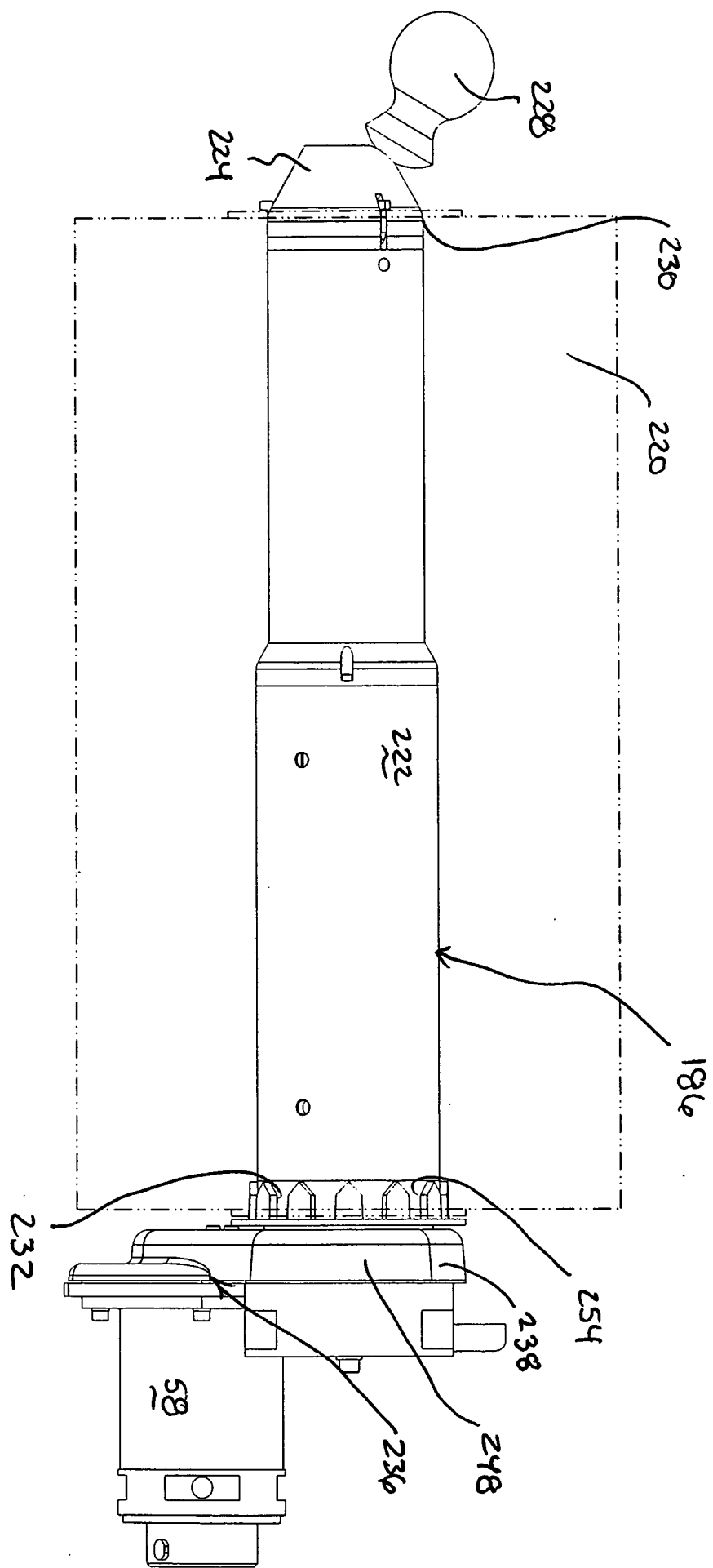
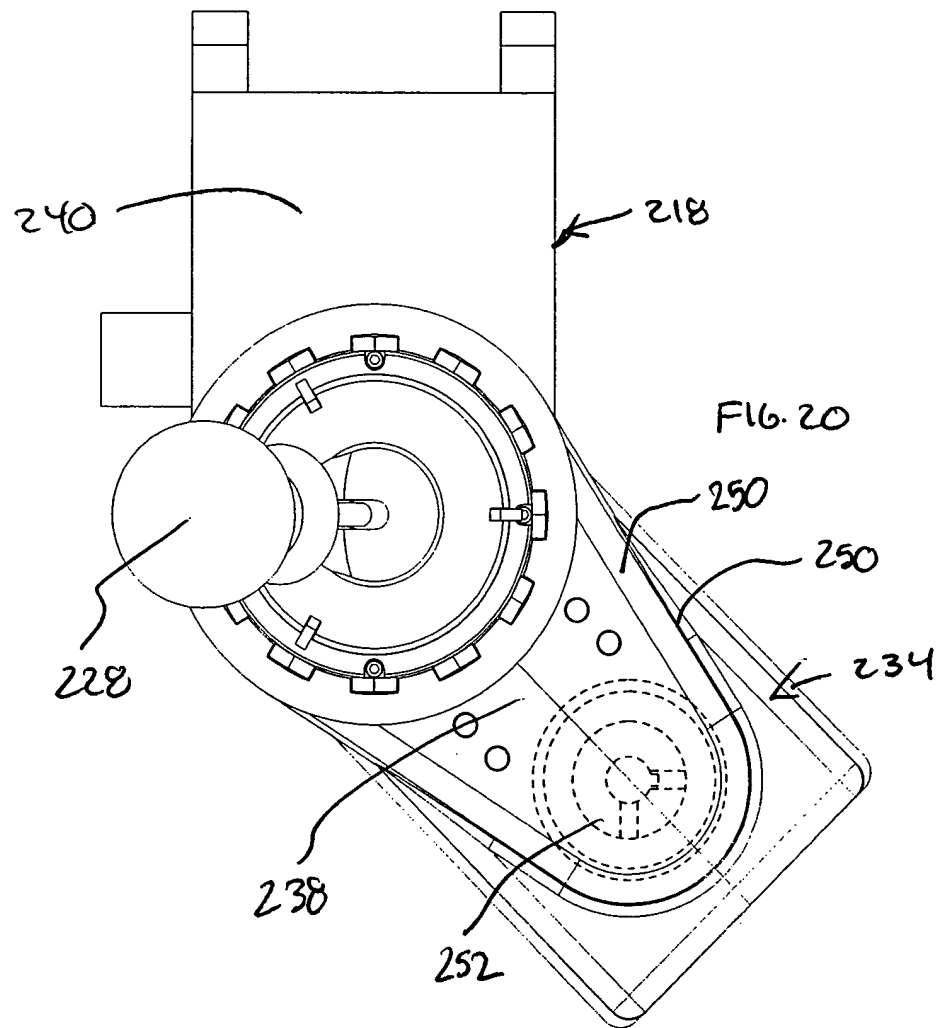
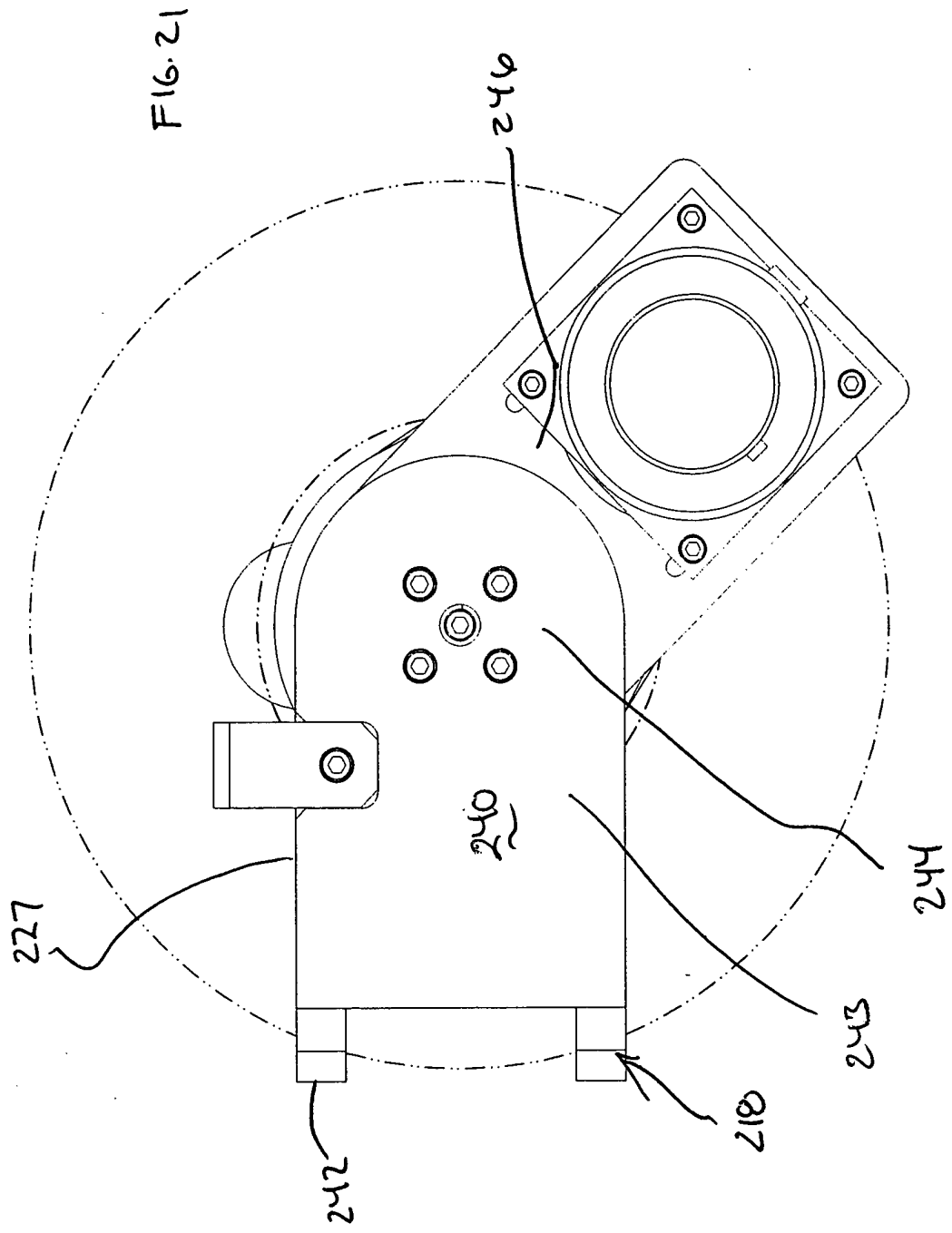


FIG. 18









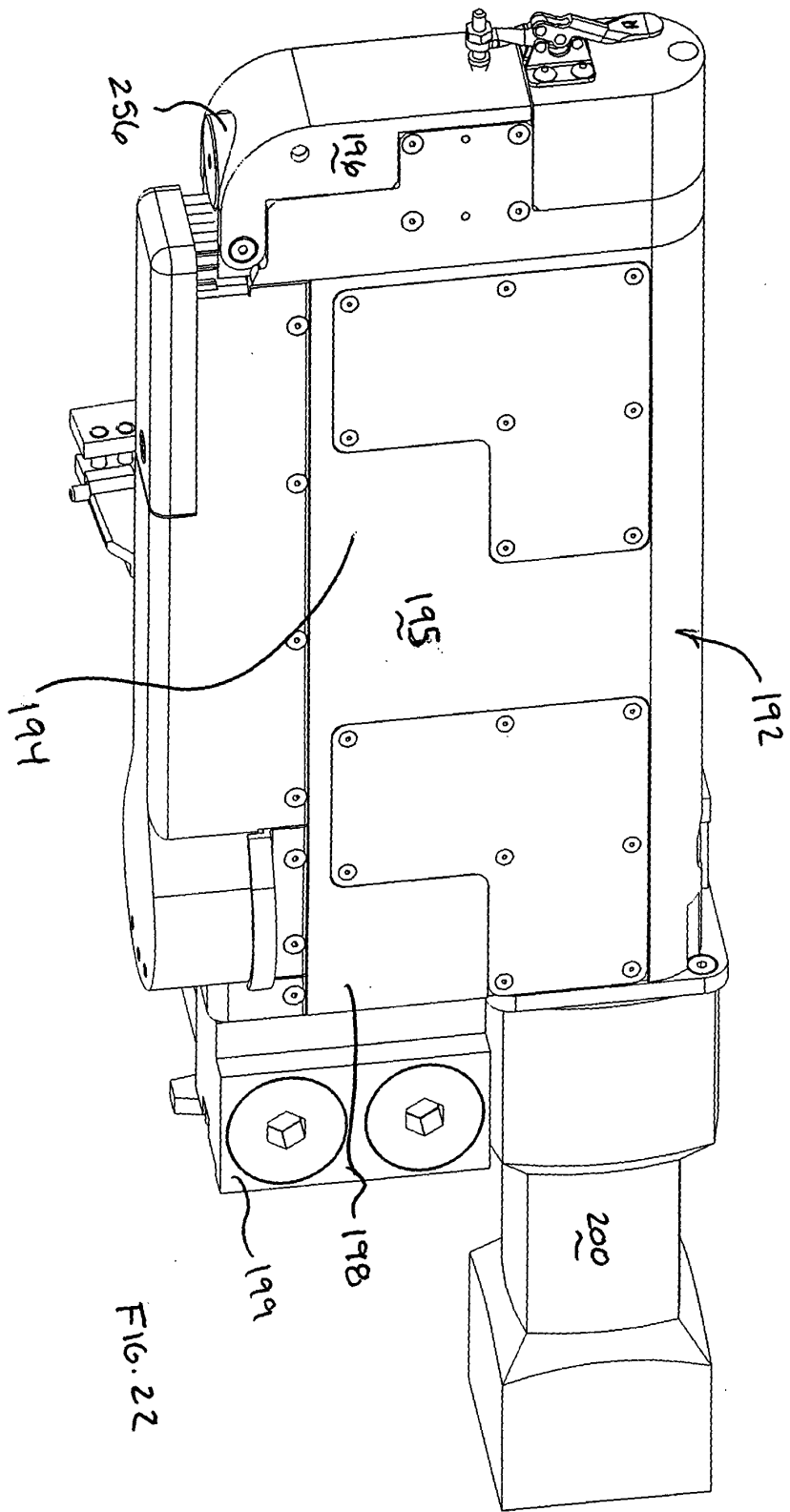
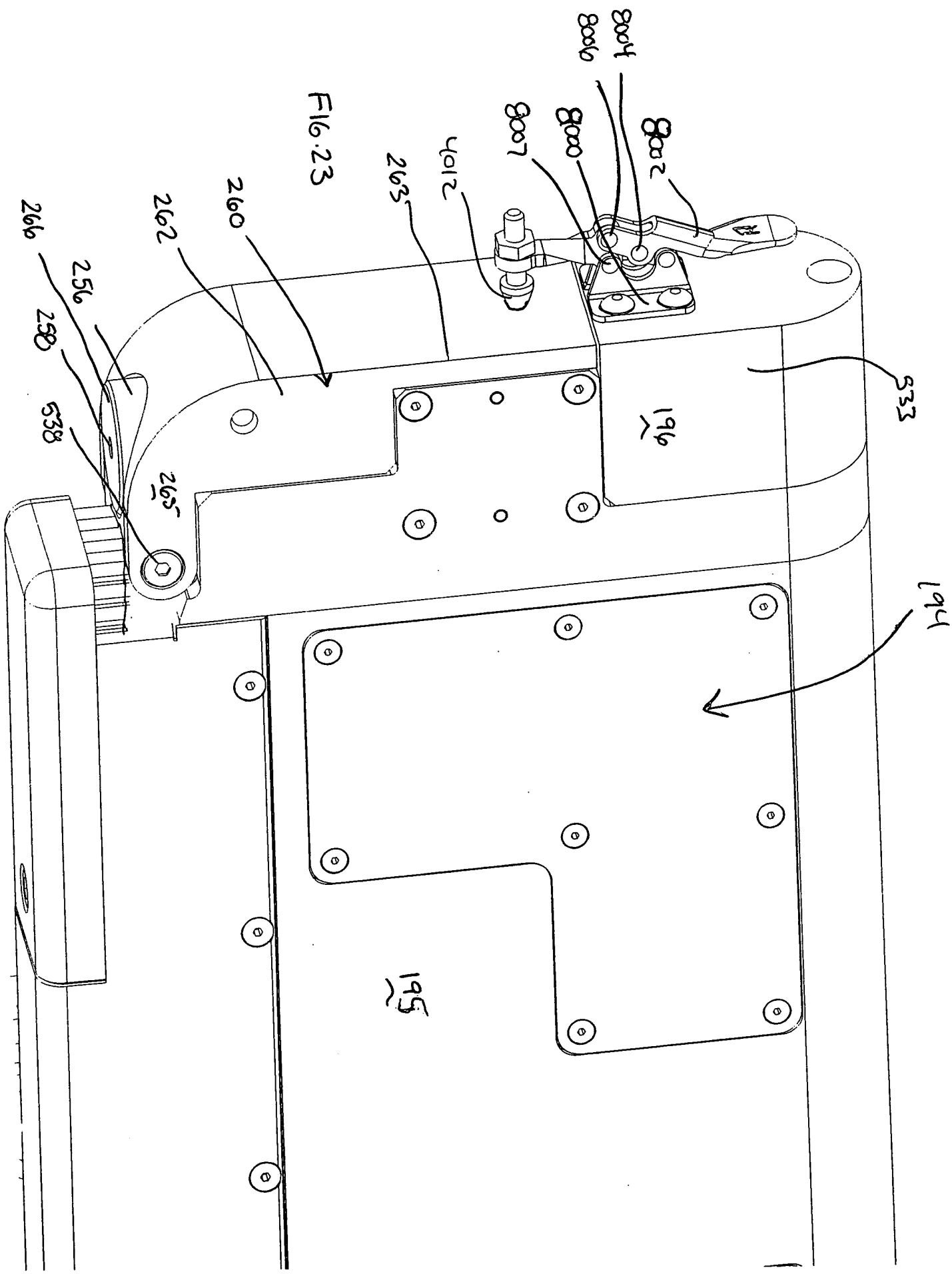
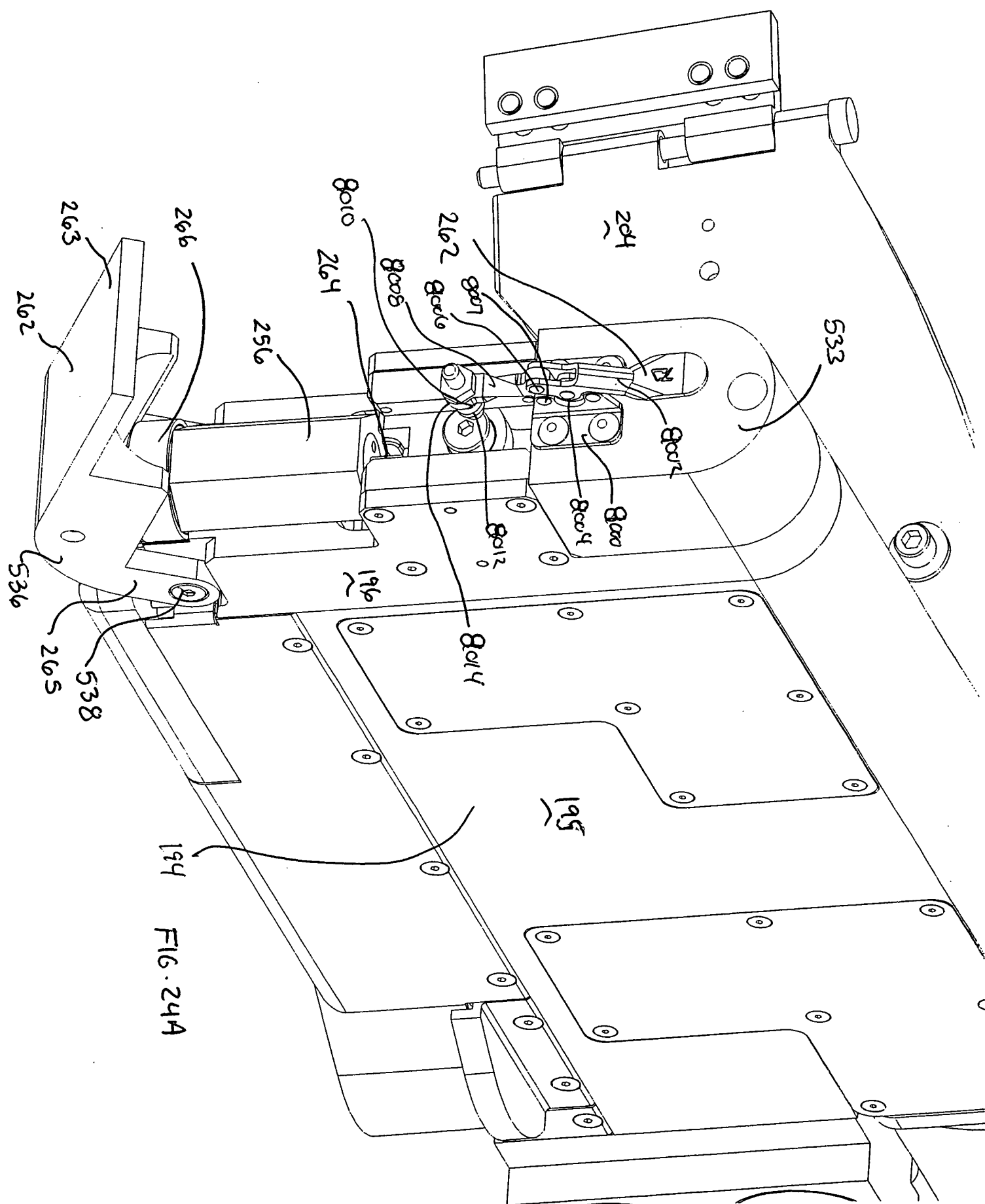


FIG. 22





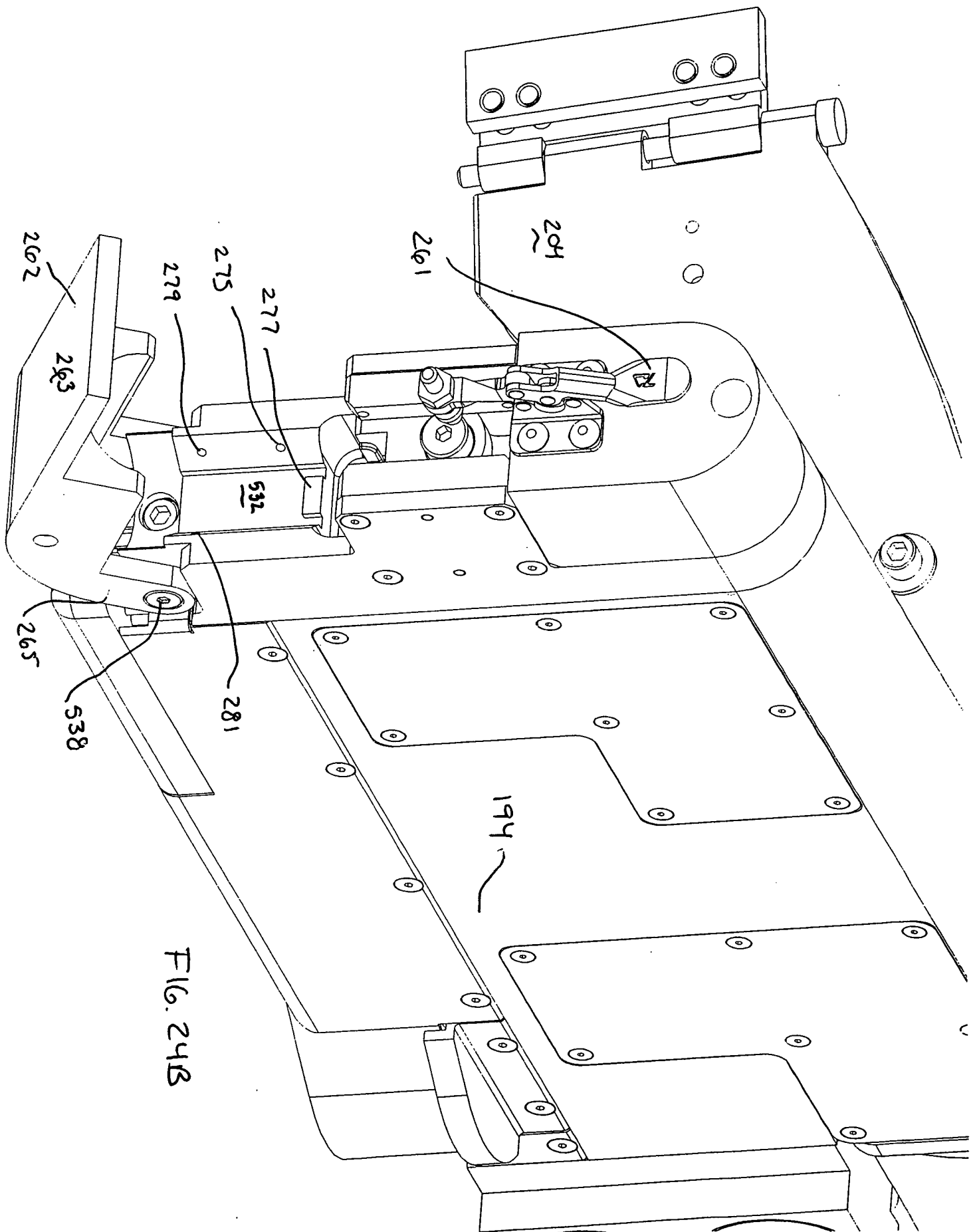


FIG. 24B

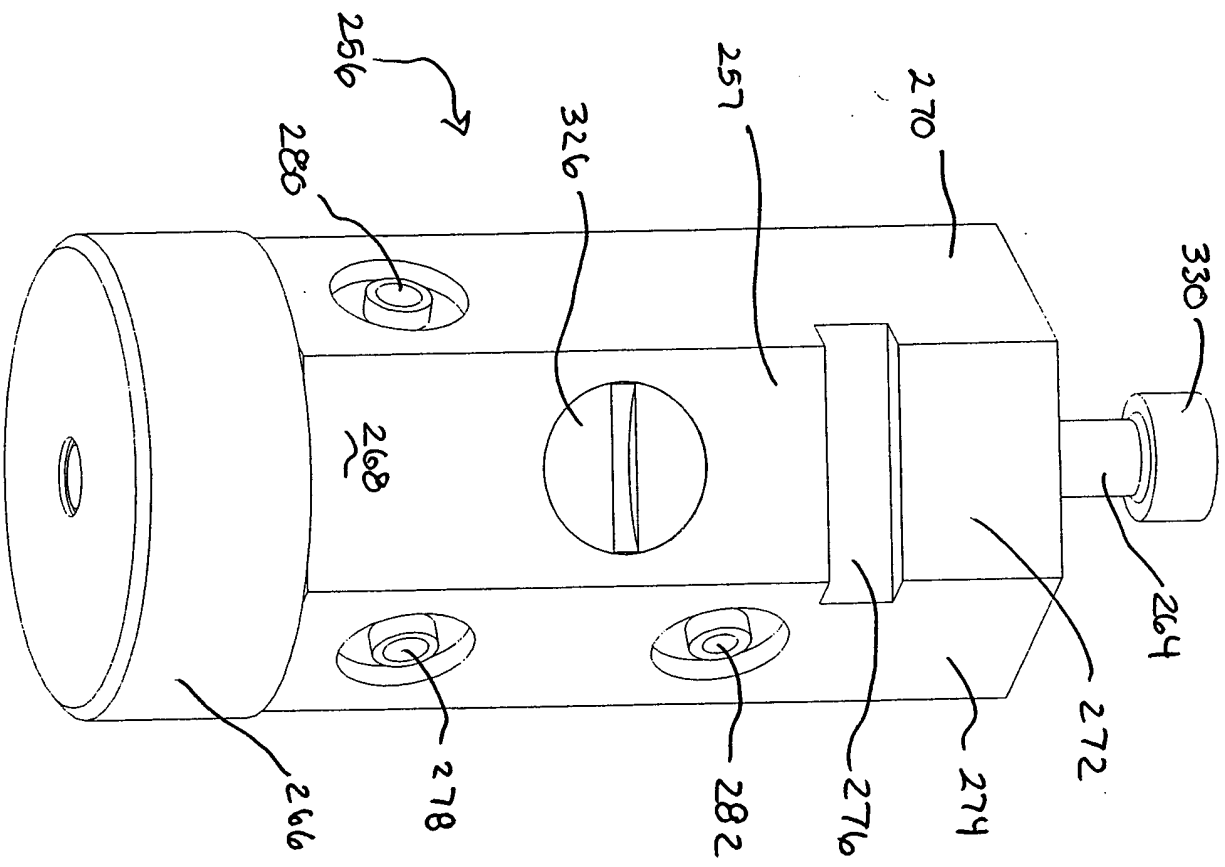


FIG. 25

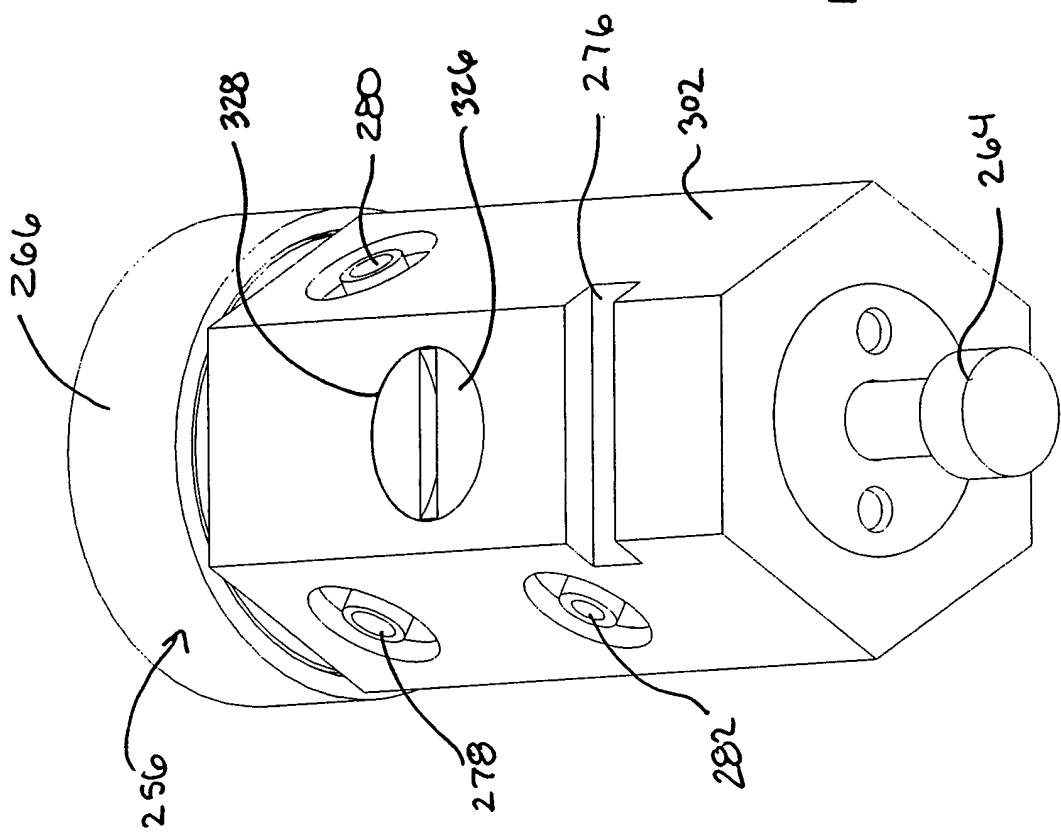
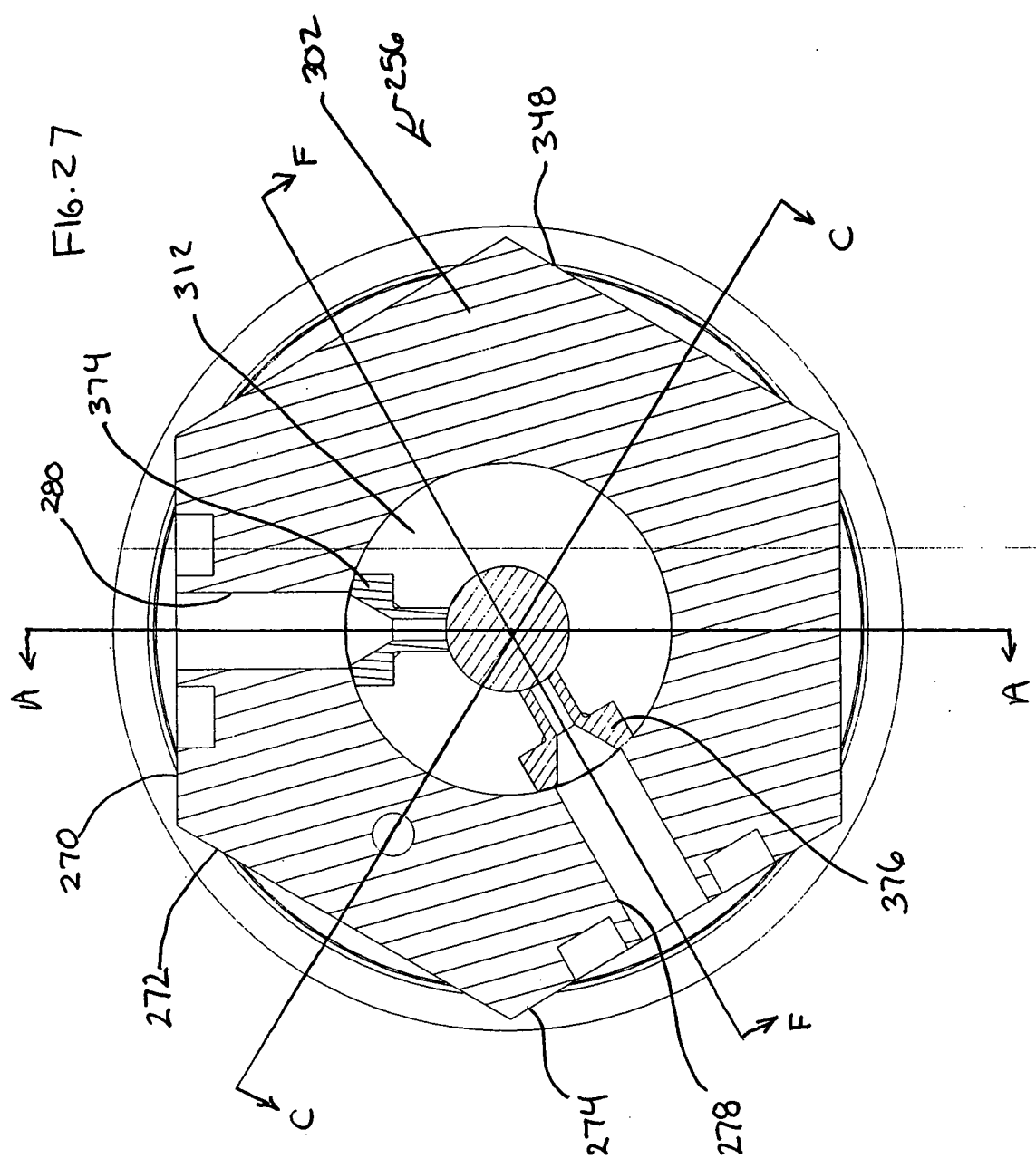


FIG. 26



SEE DETAIL 28A

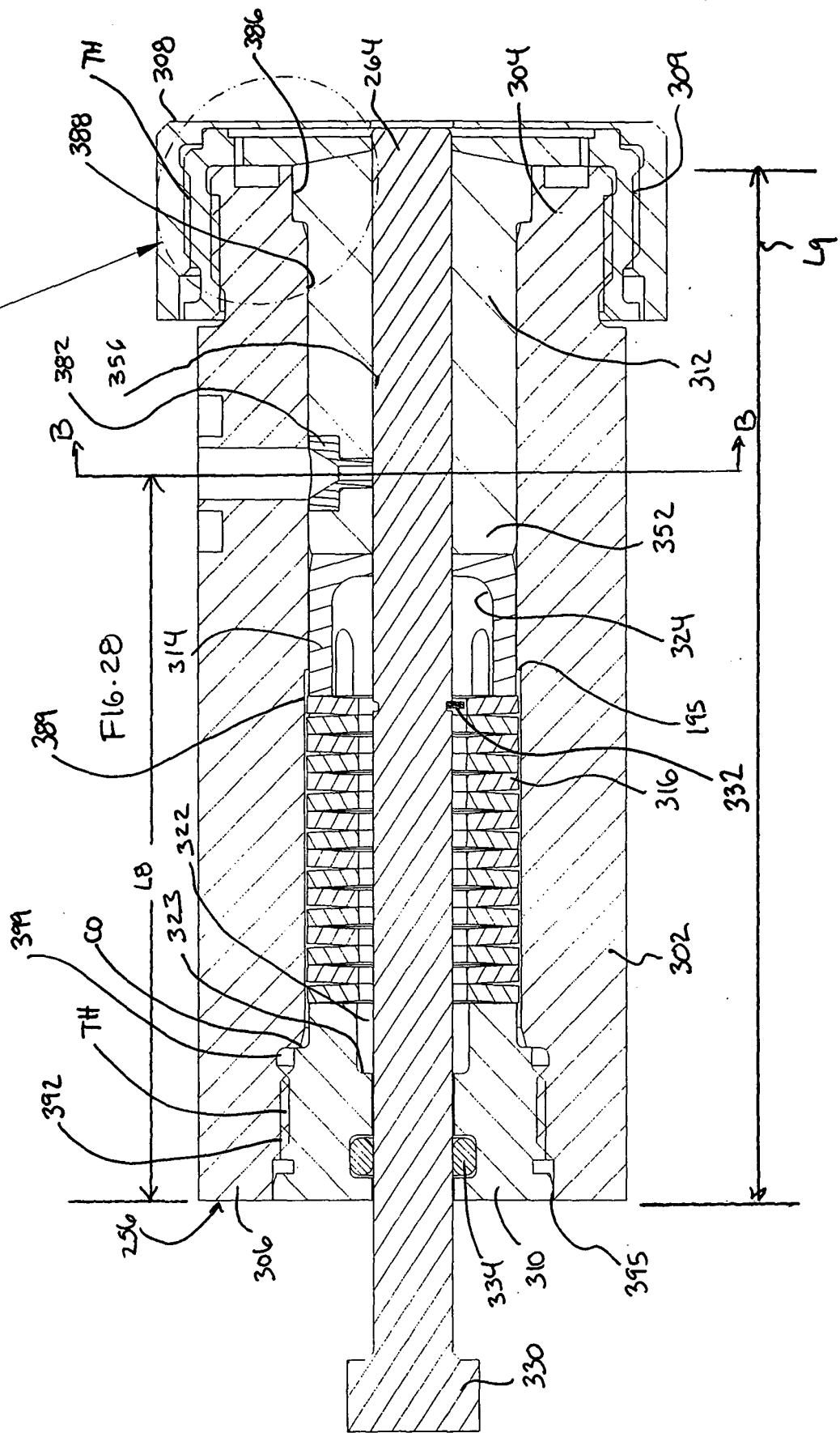
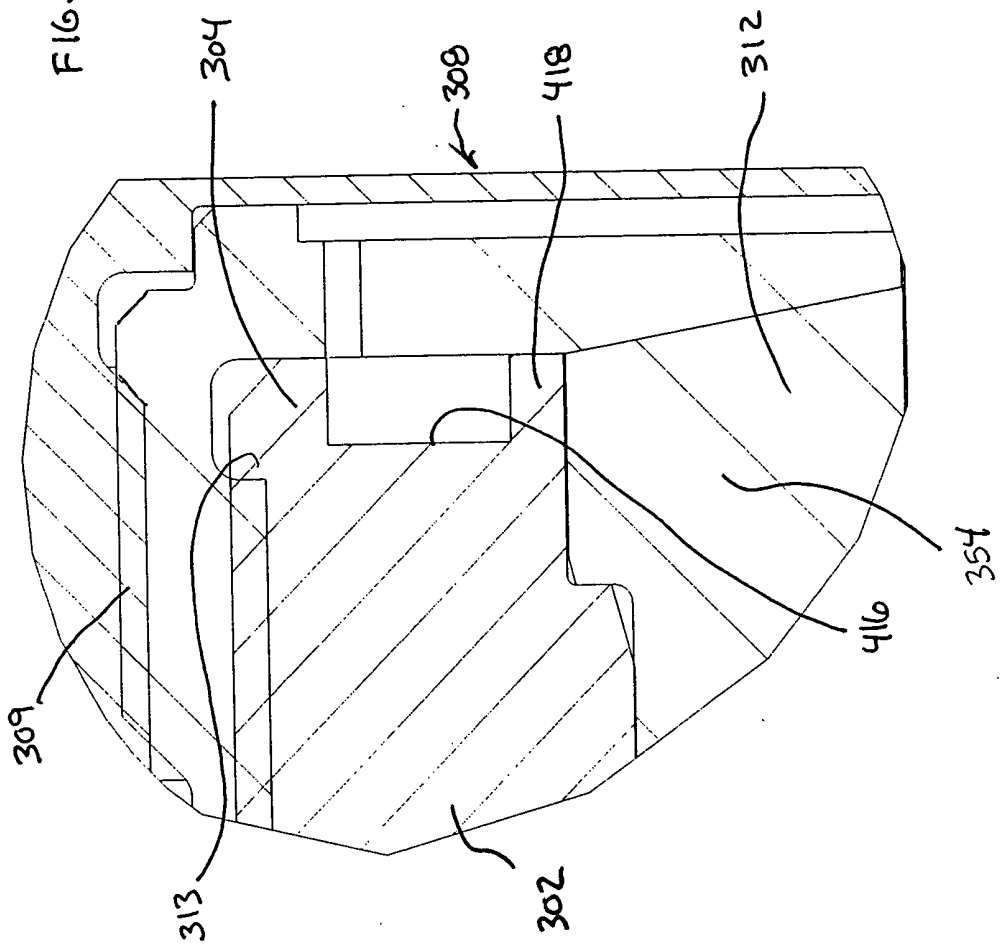


FIG. 28A



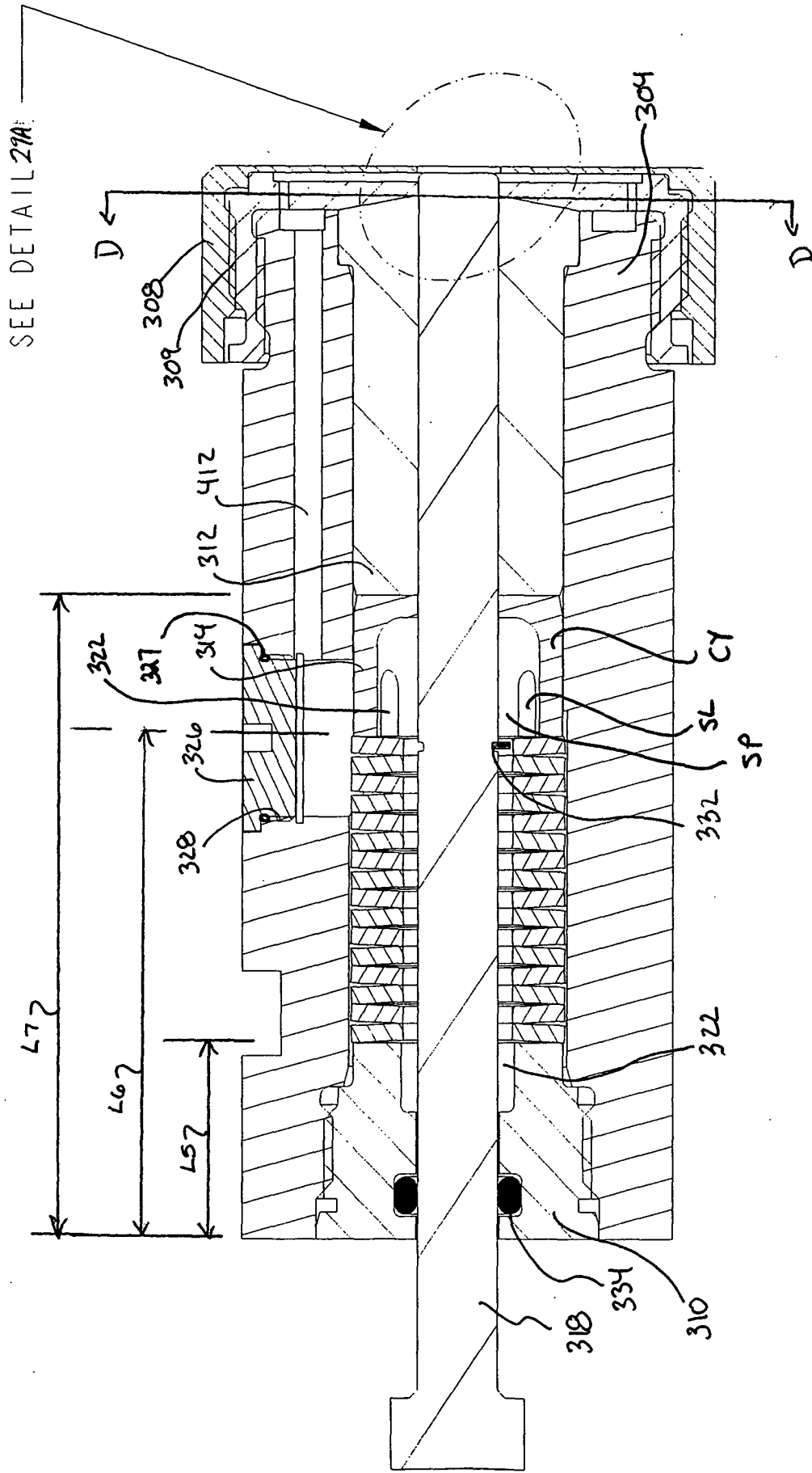


FIG. 29

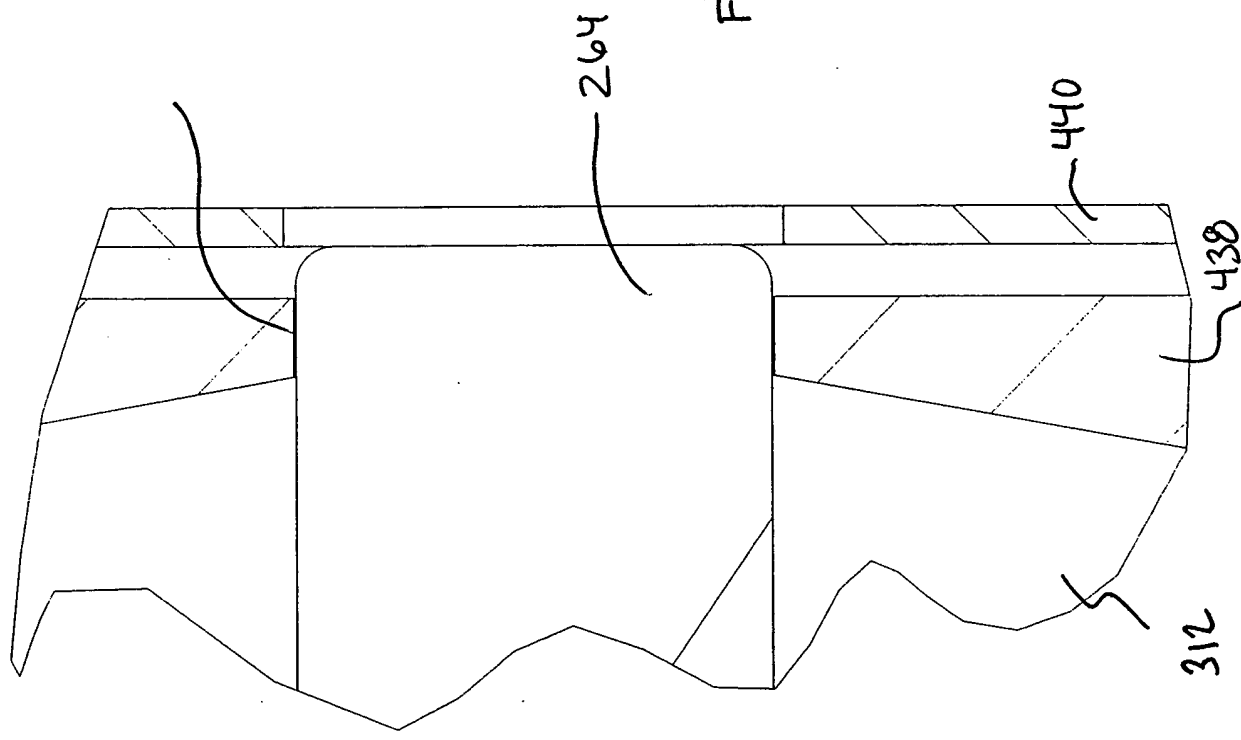
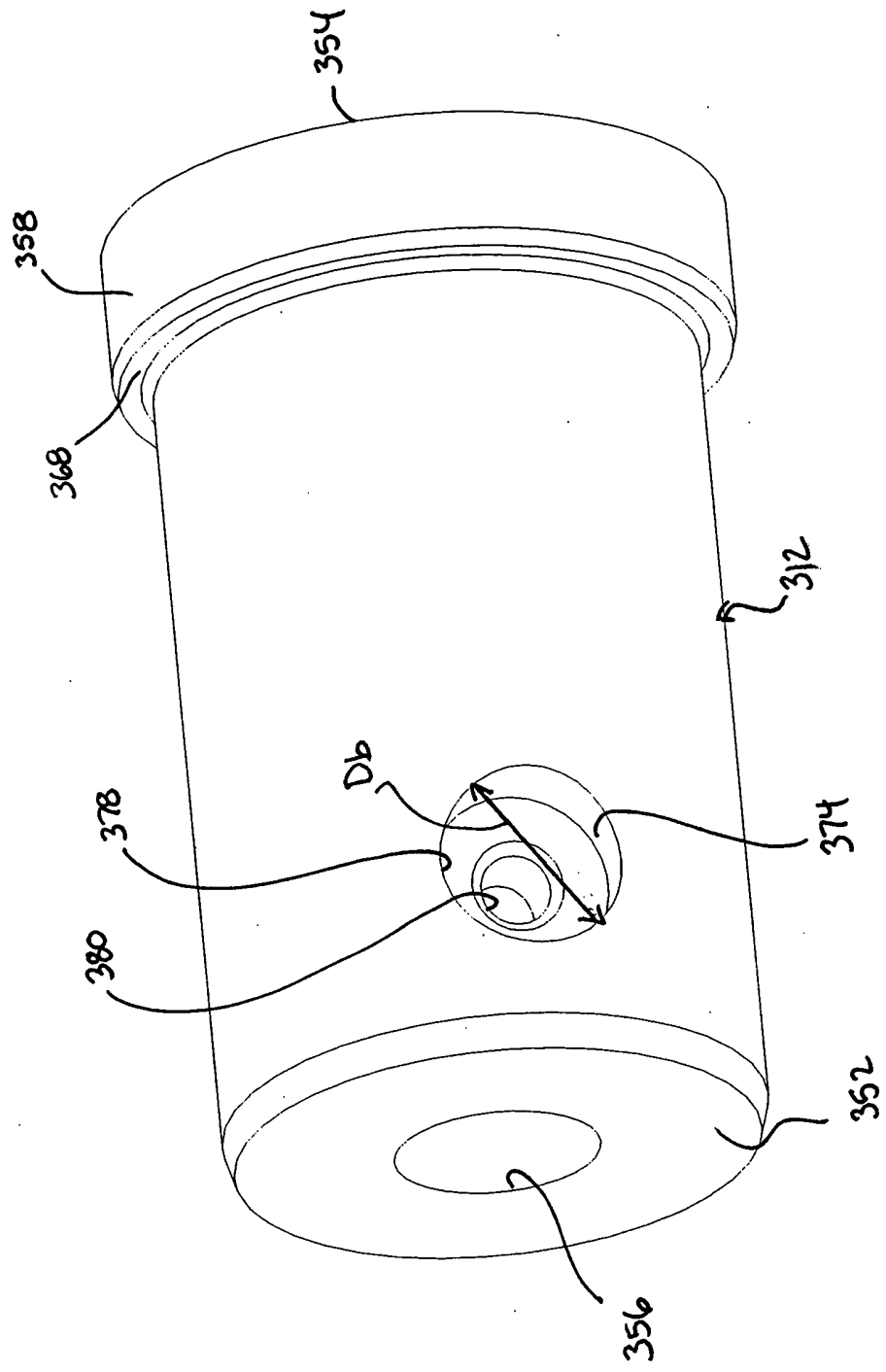


FIG. 29A

FIG. 29B



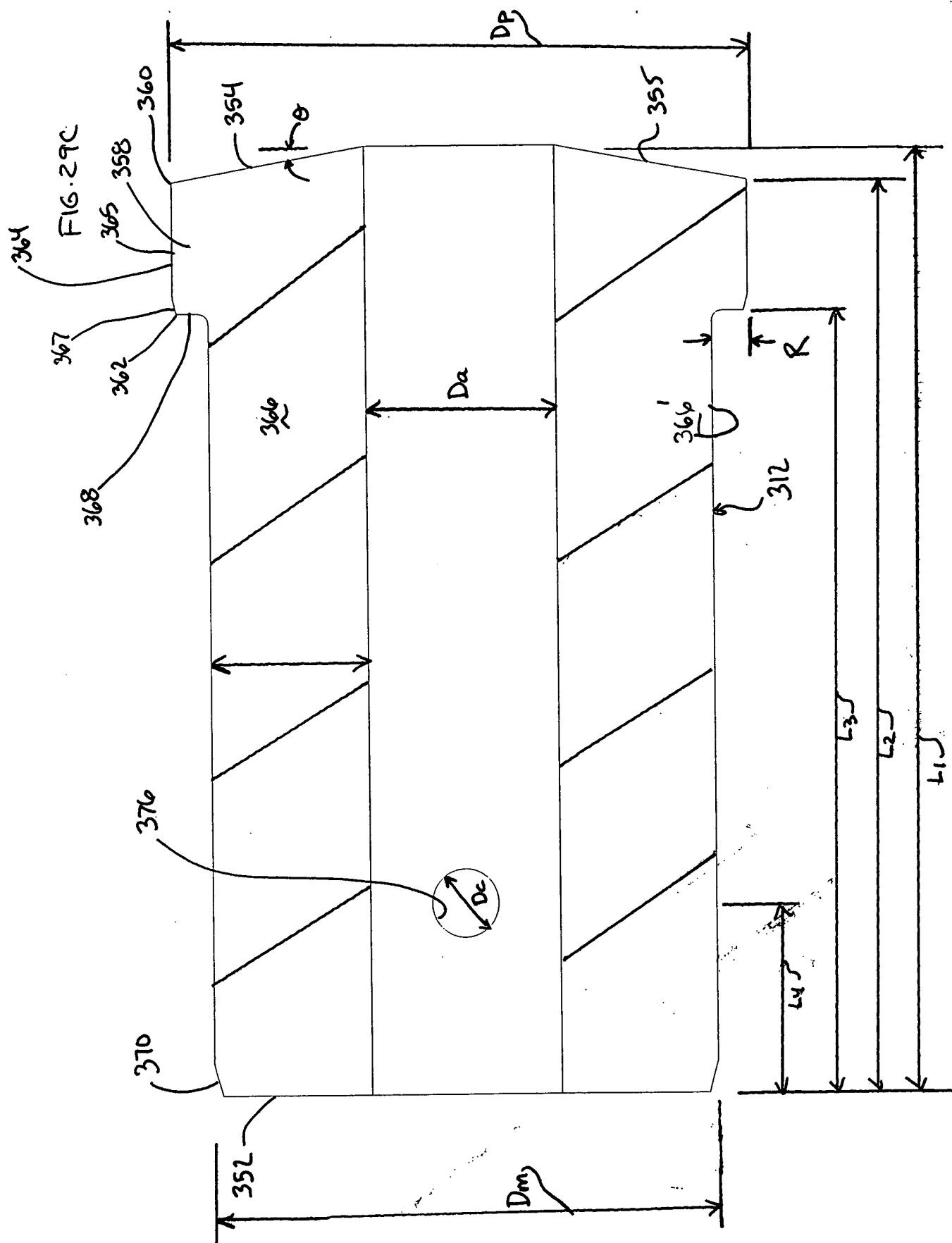


FIG. 30

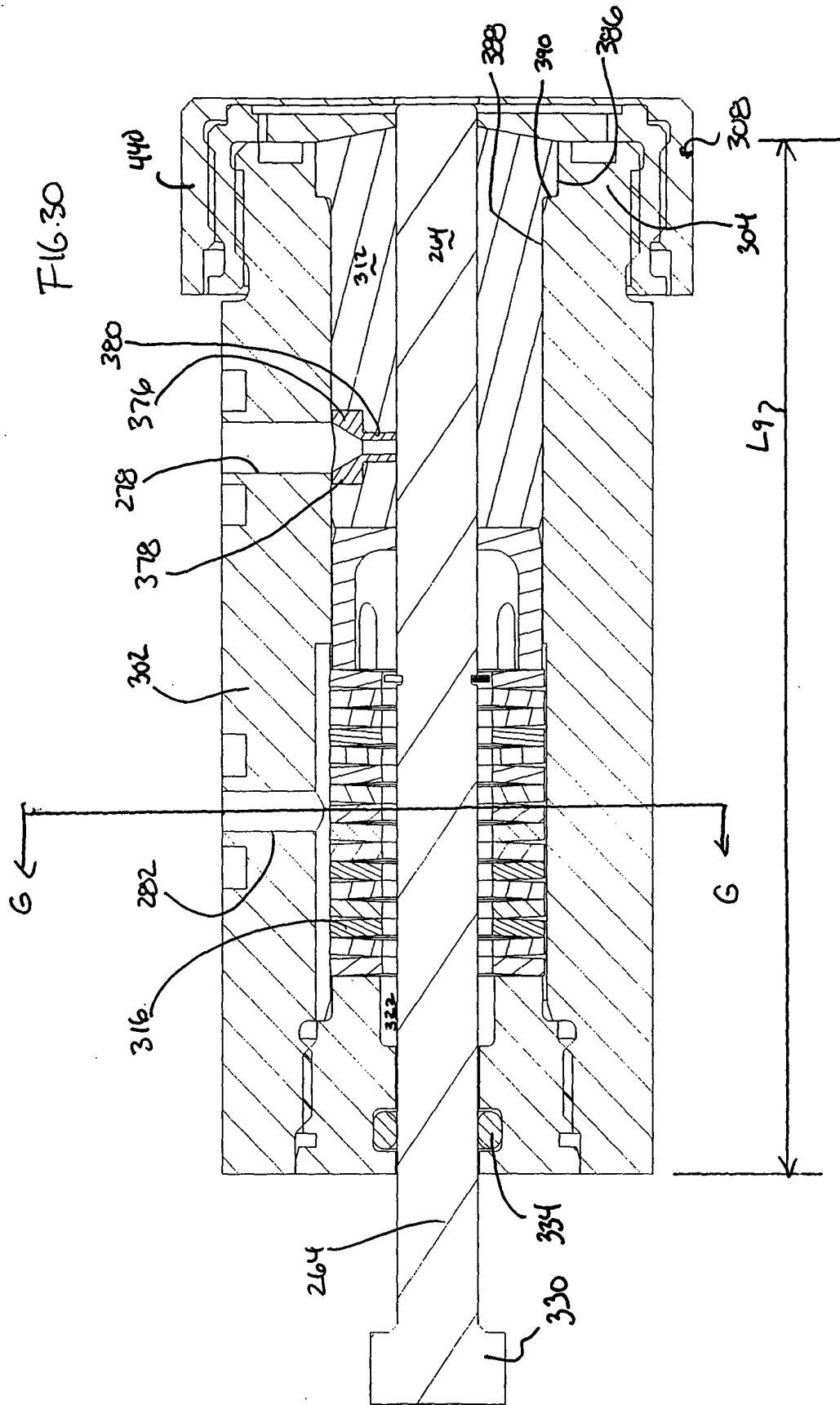
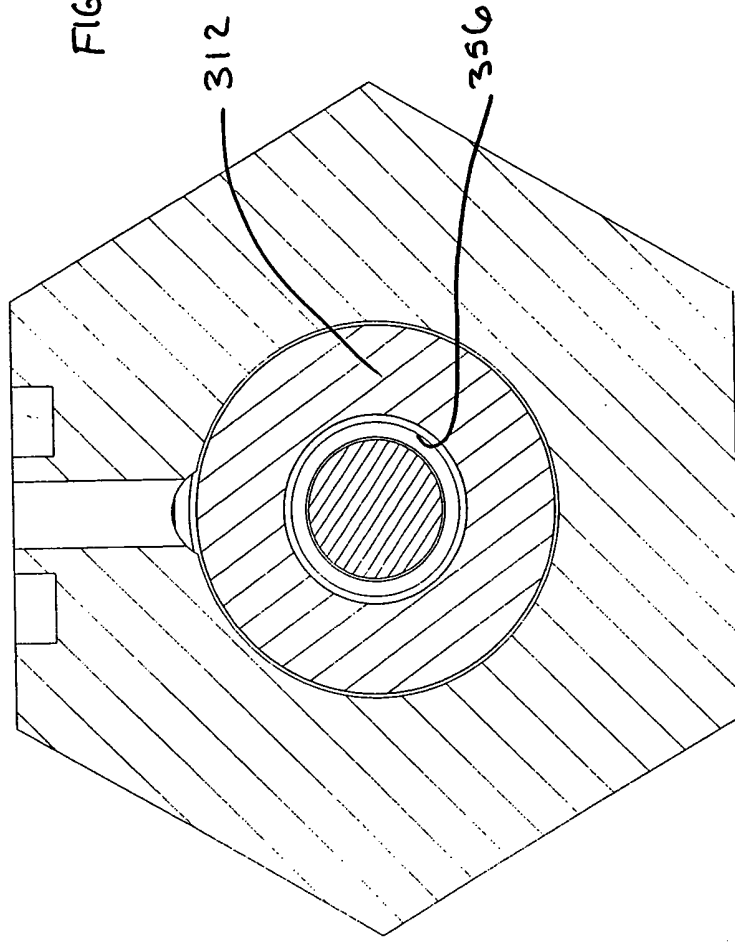


FIG. 31



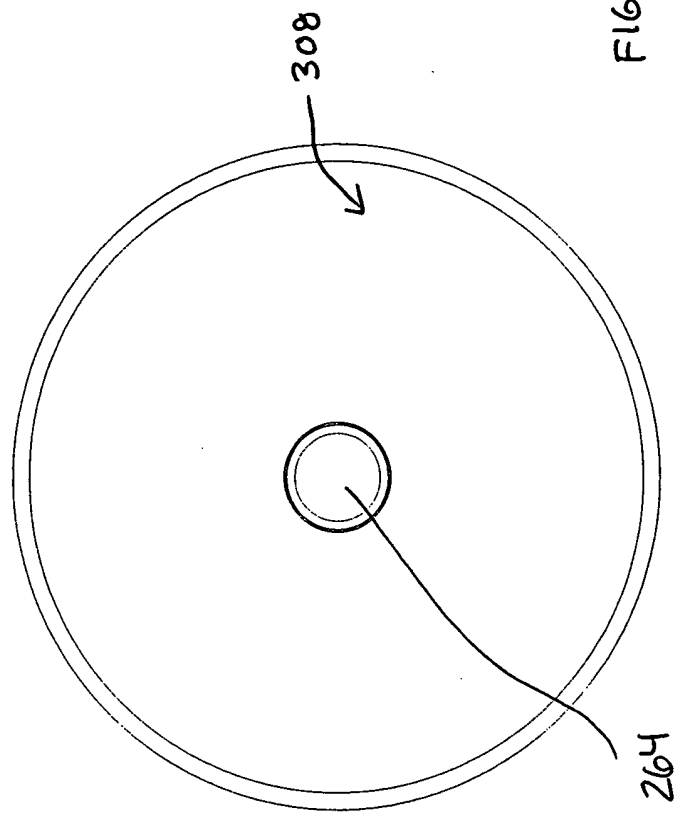


FIG. 32

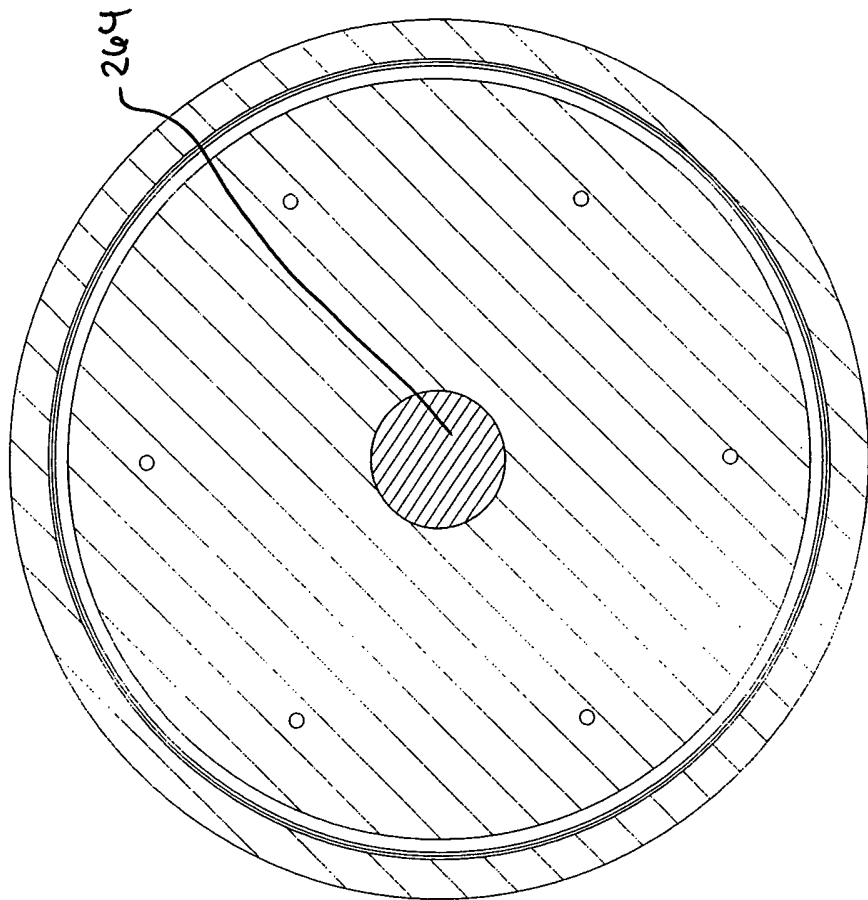
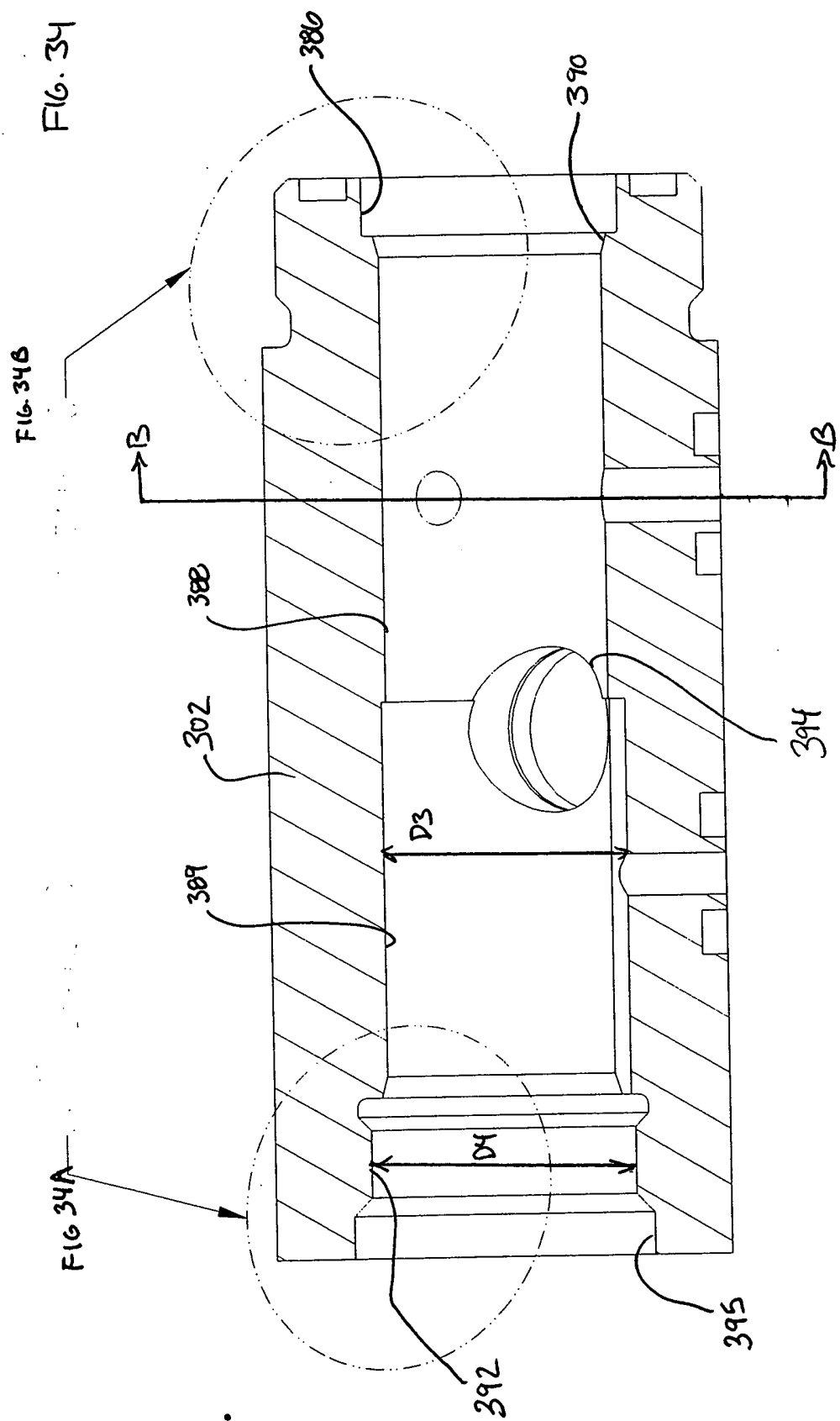


FIG. 33



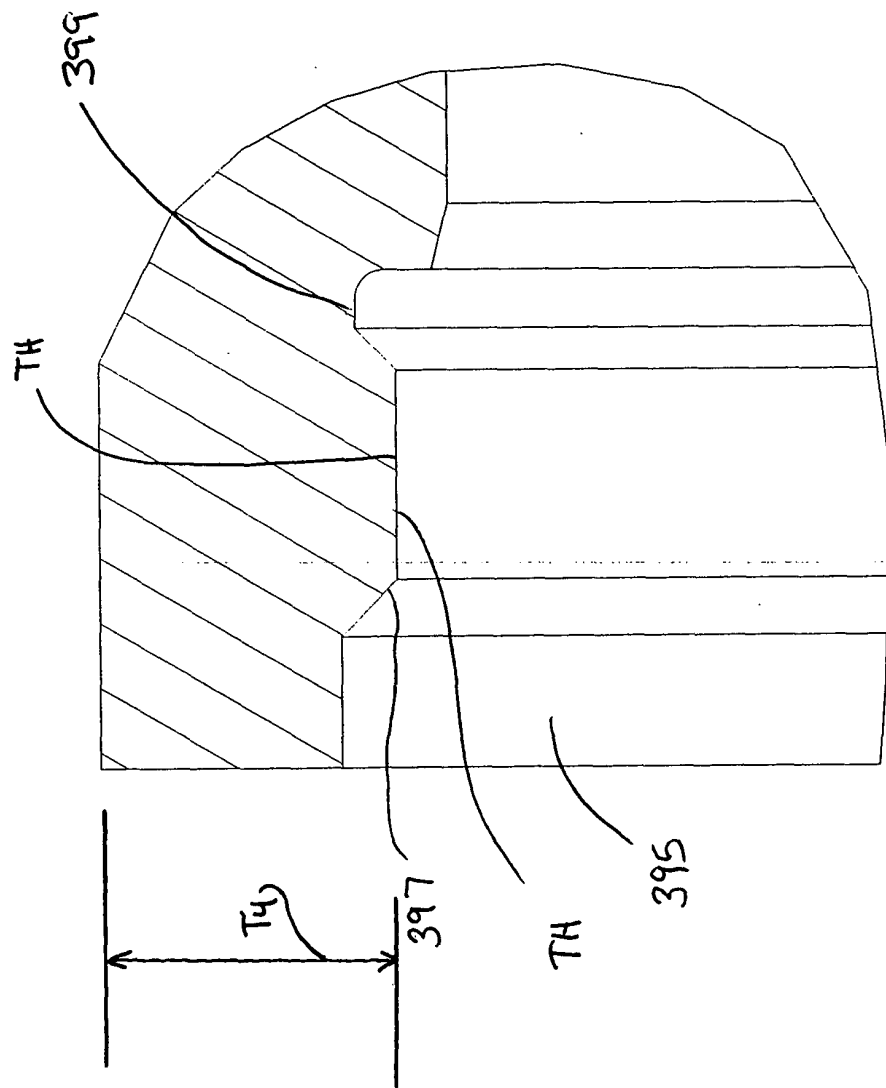


FIG. 34A

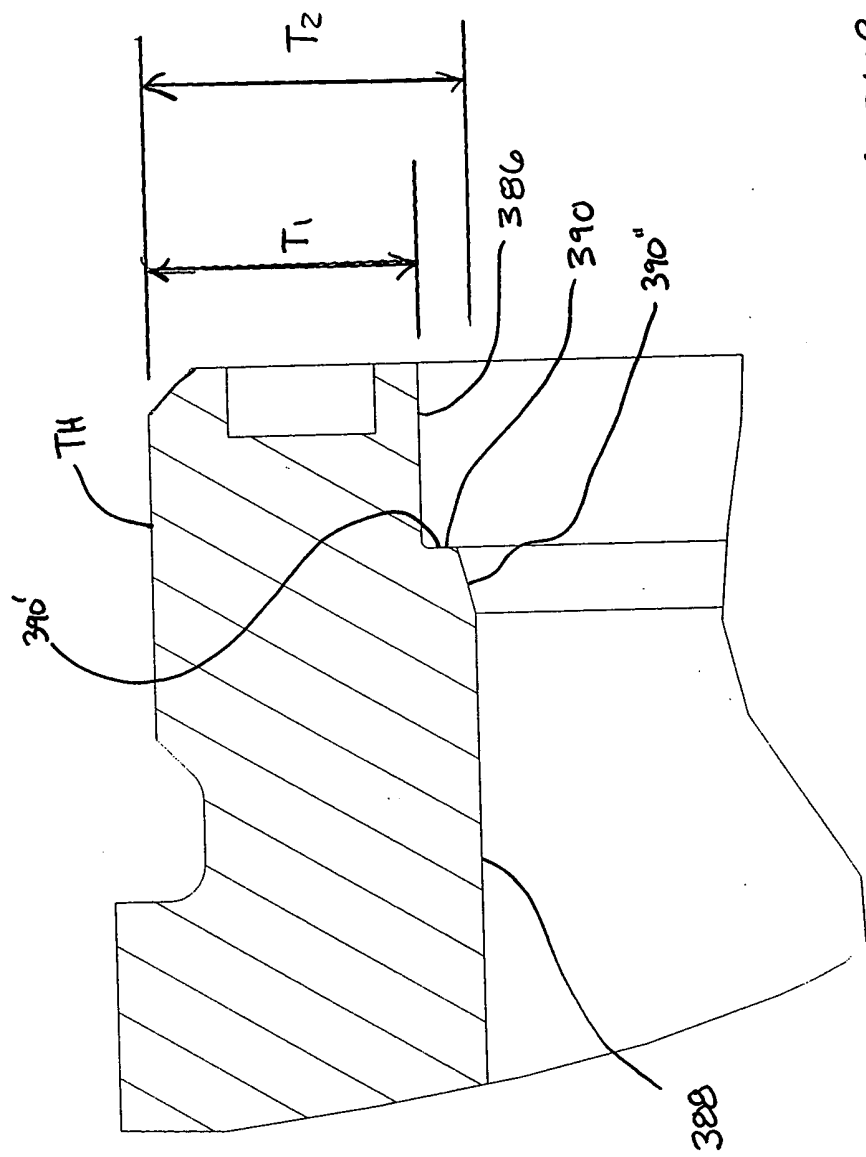


FIG. 34B

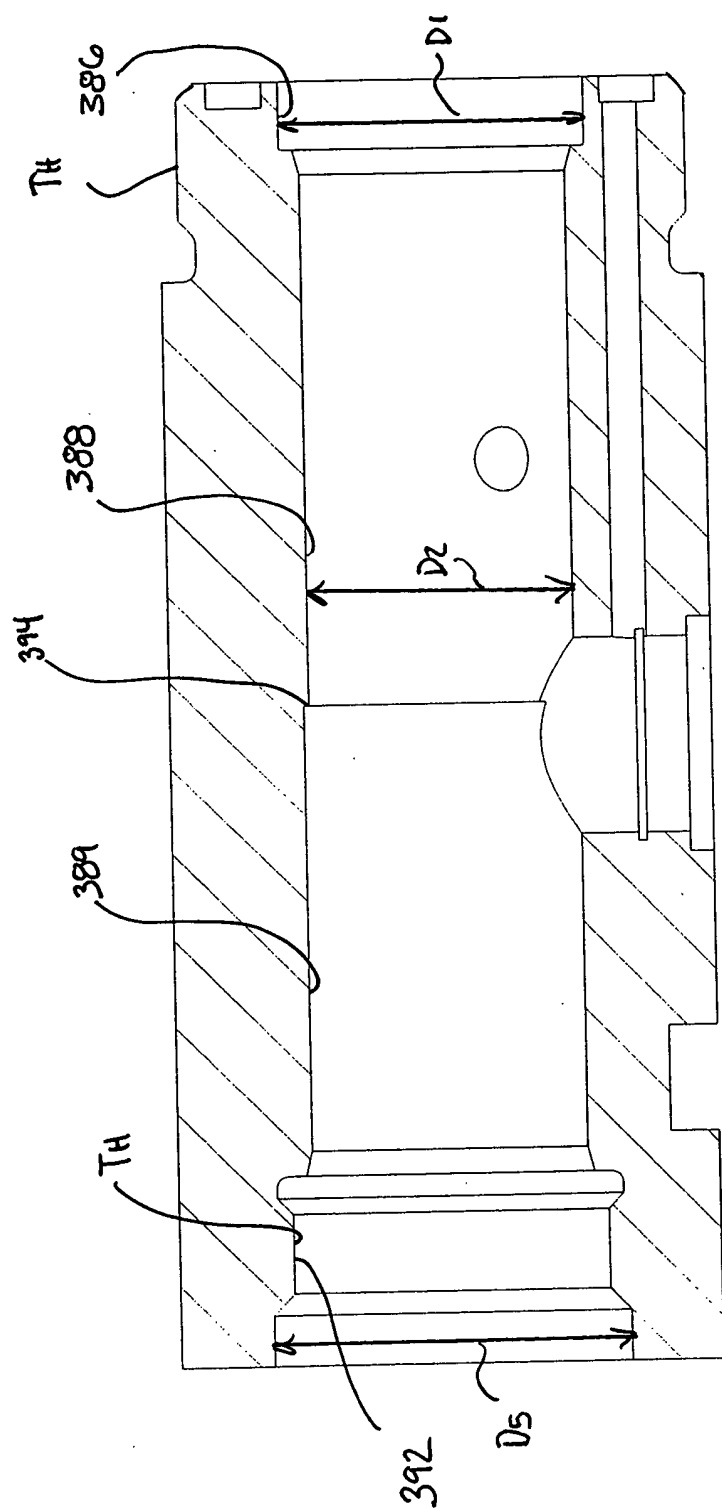
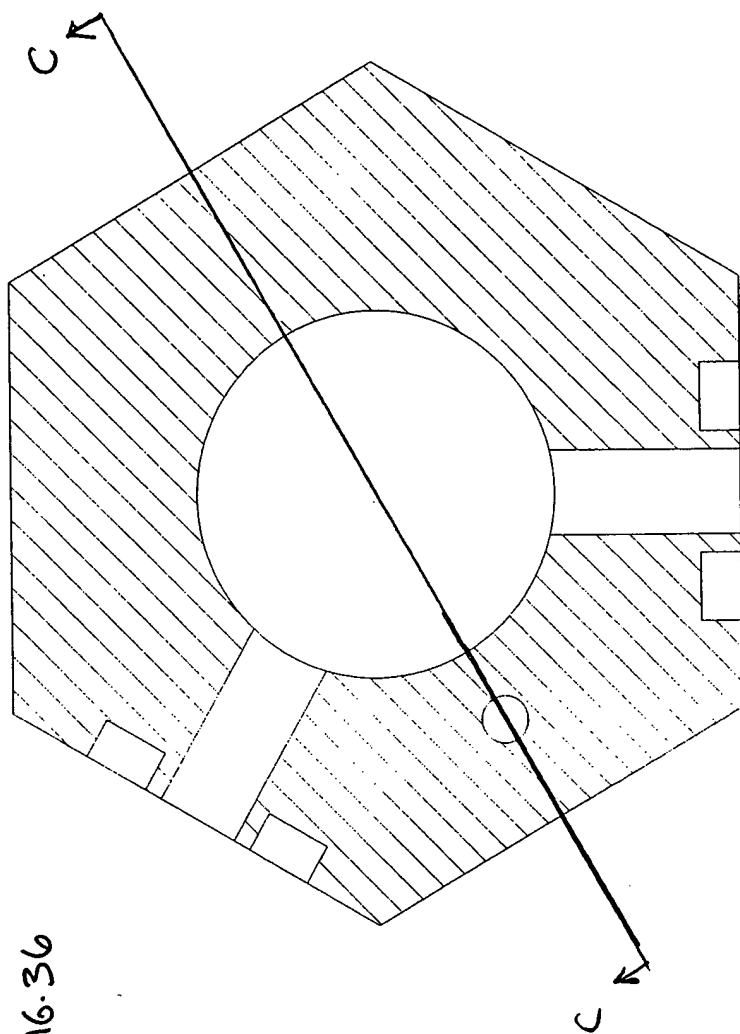
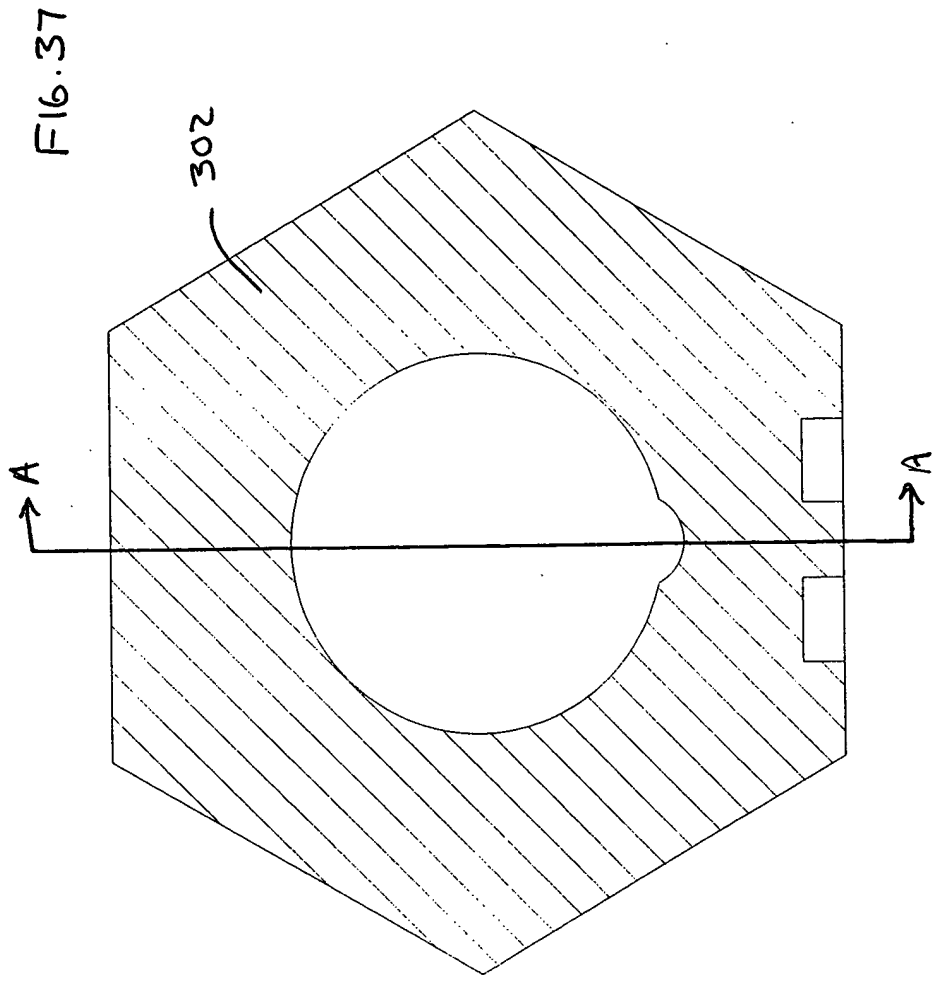


FIG. 35





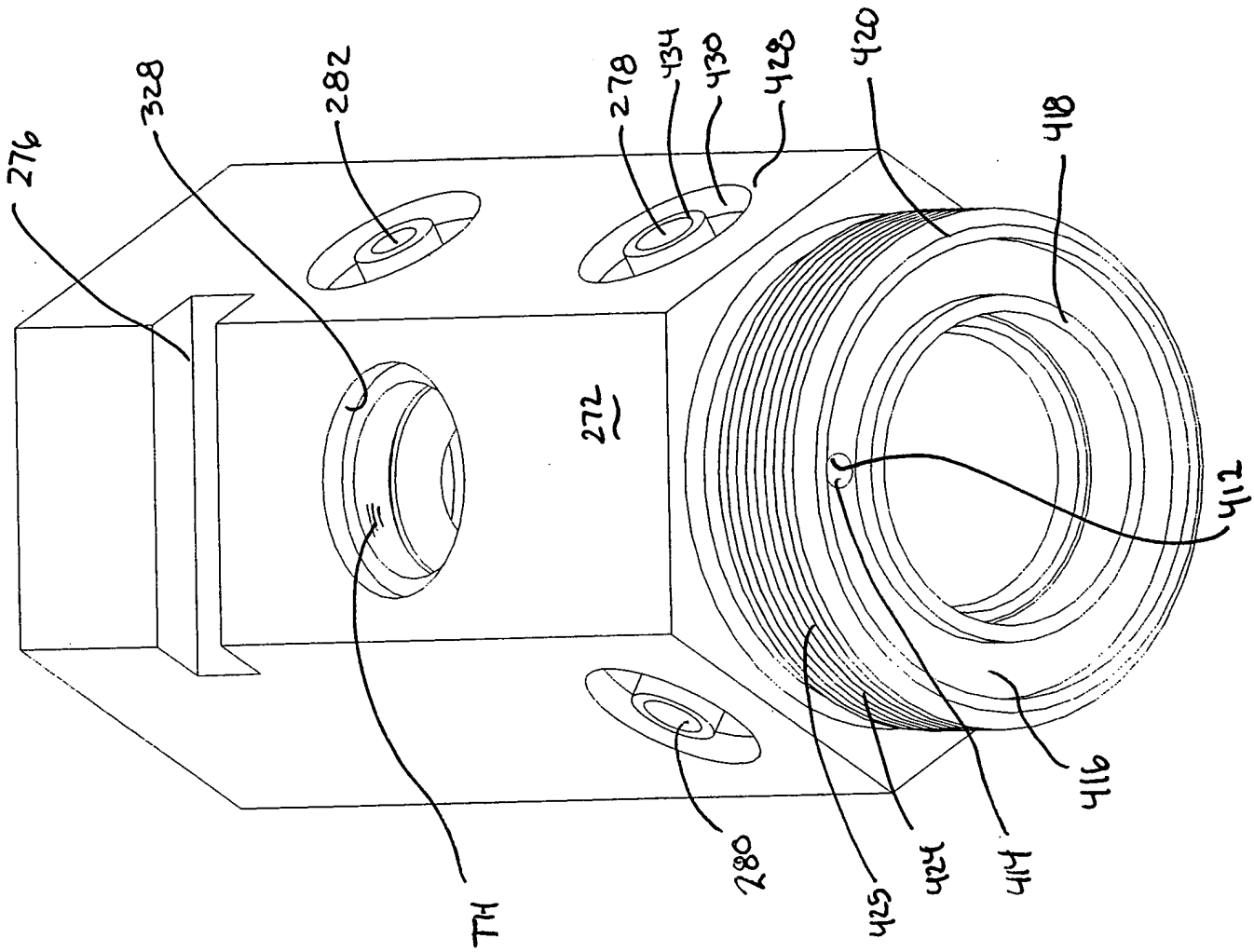
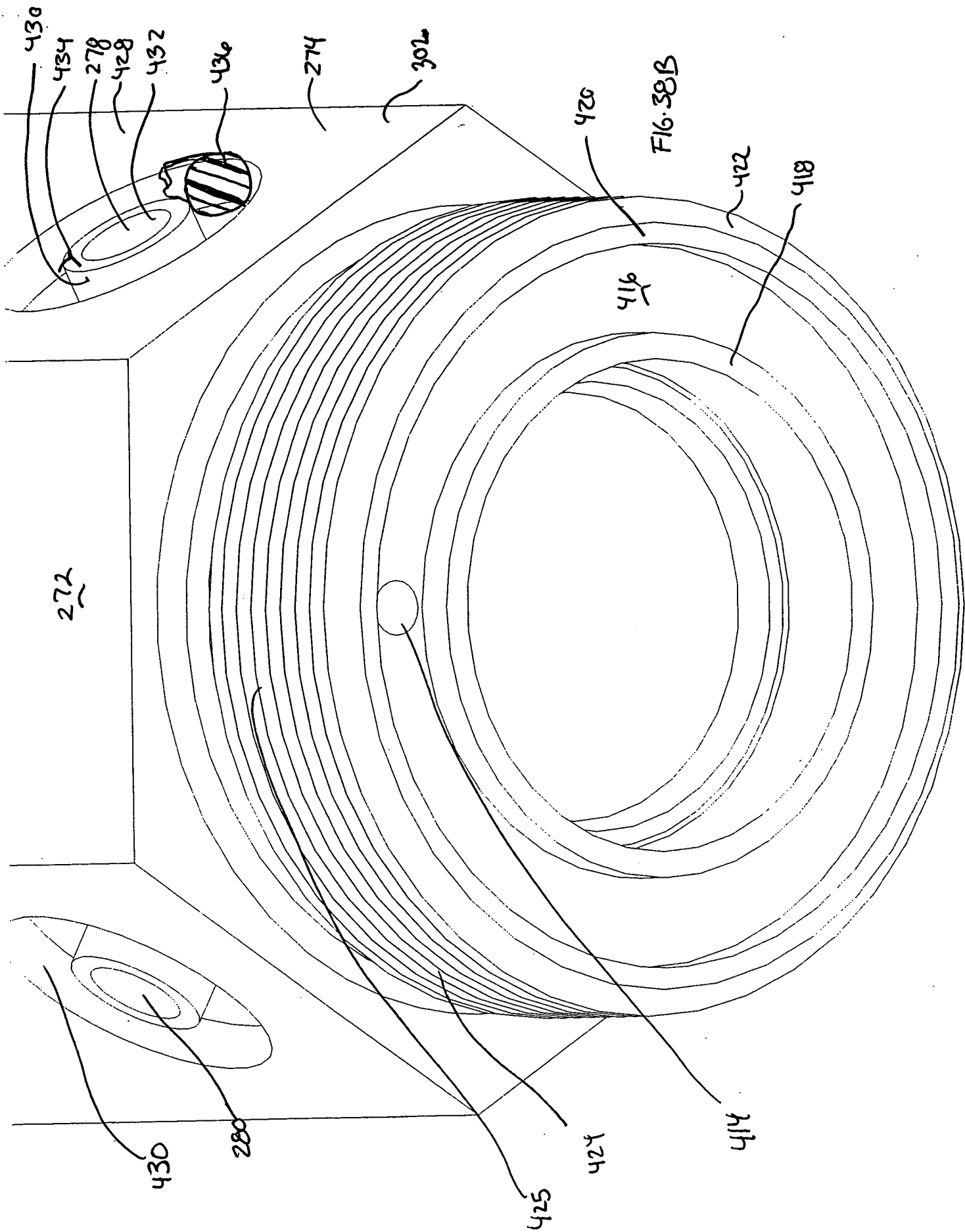


FIG. 38A



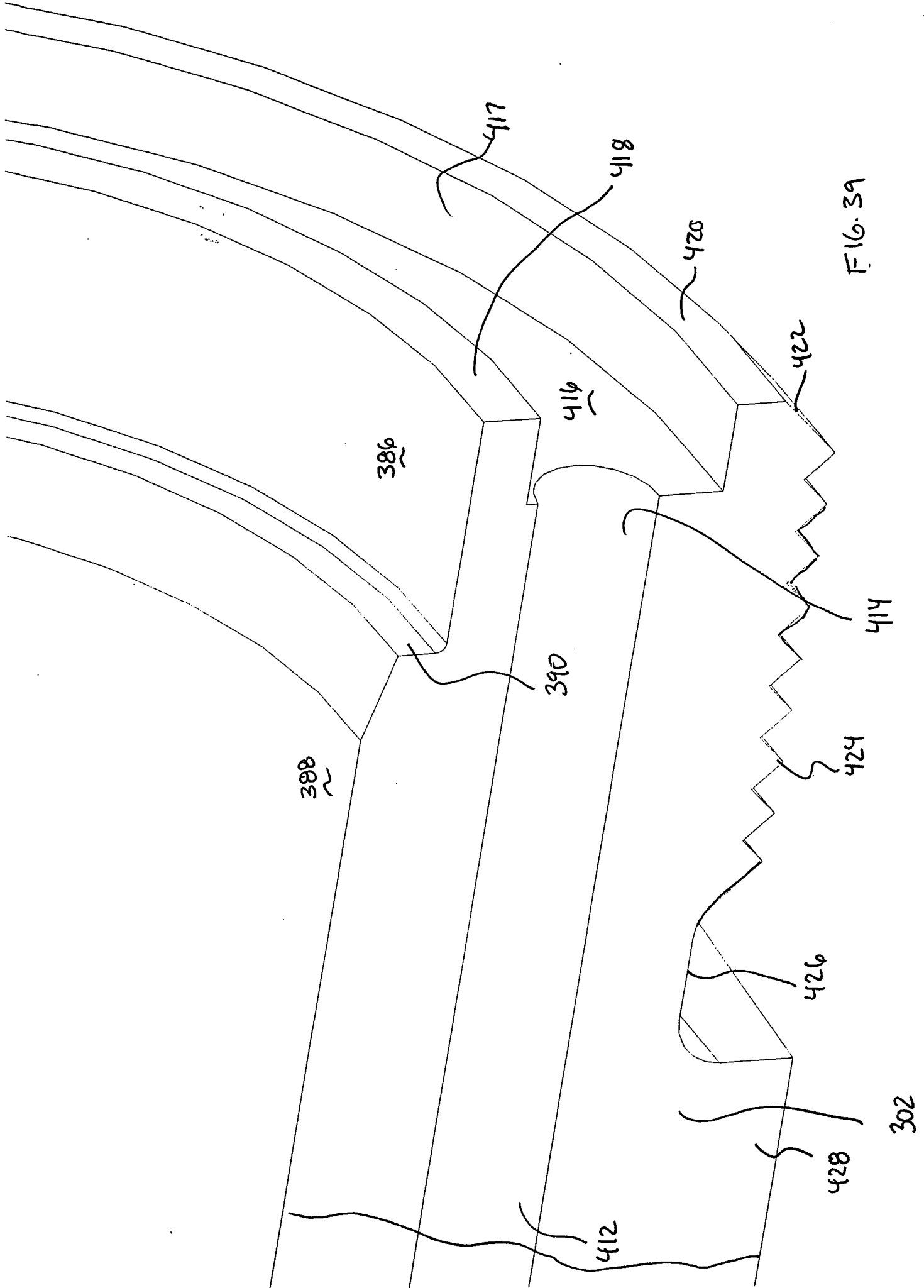


FIG. 39

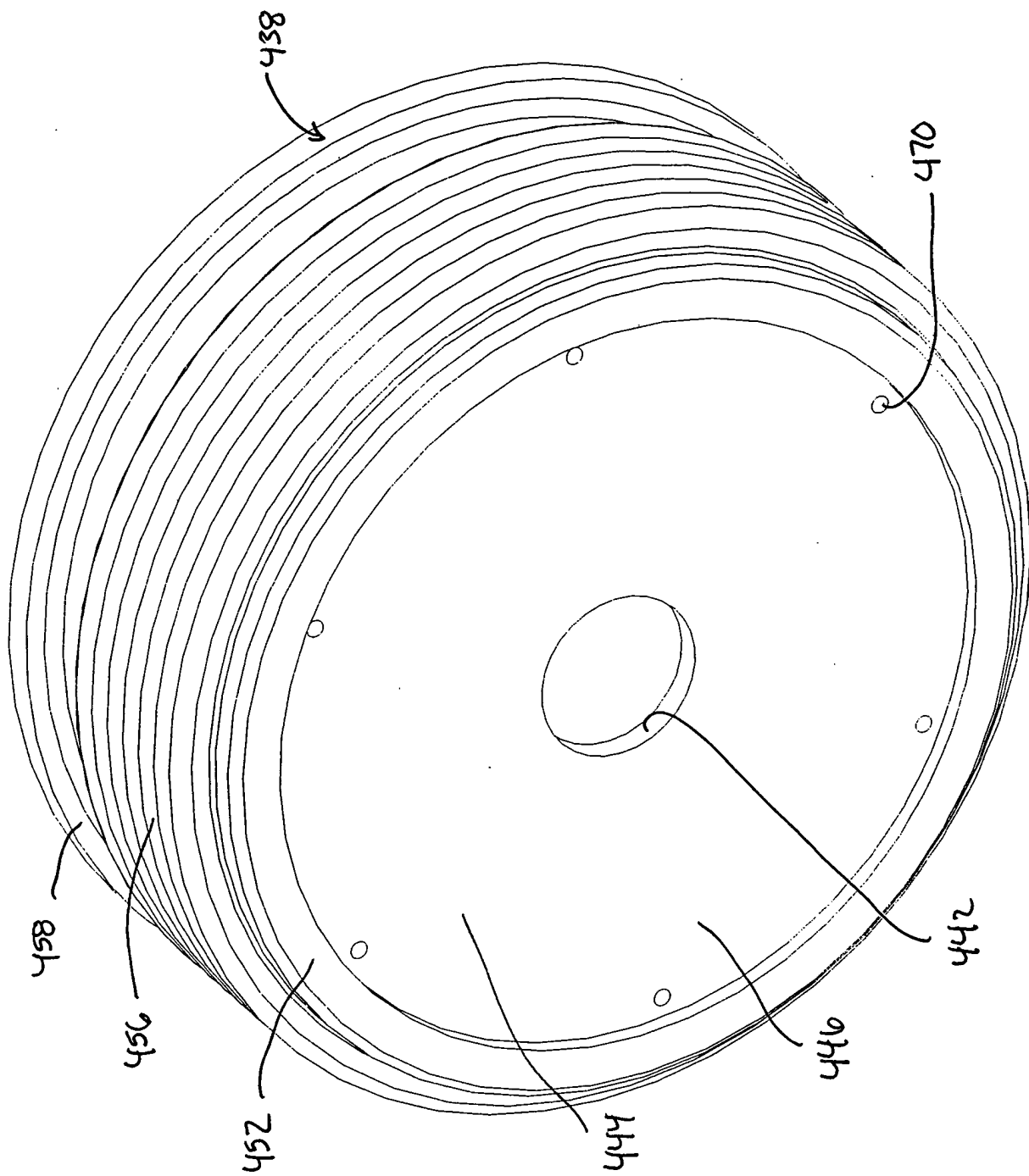
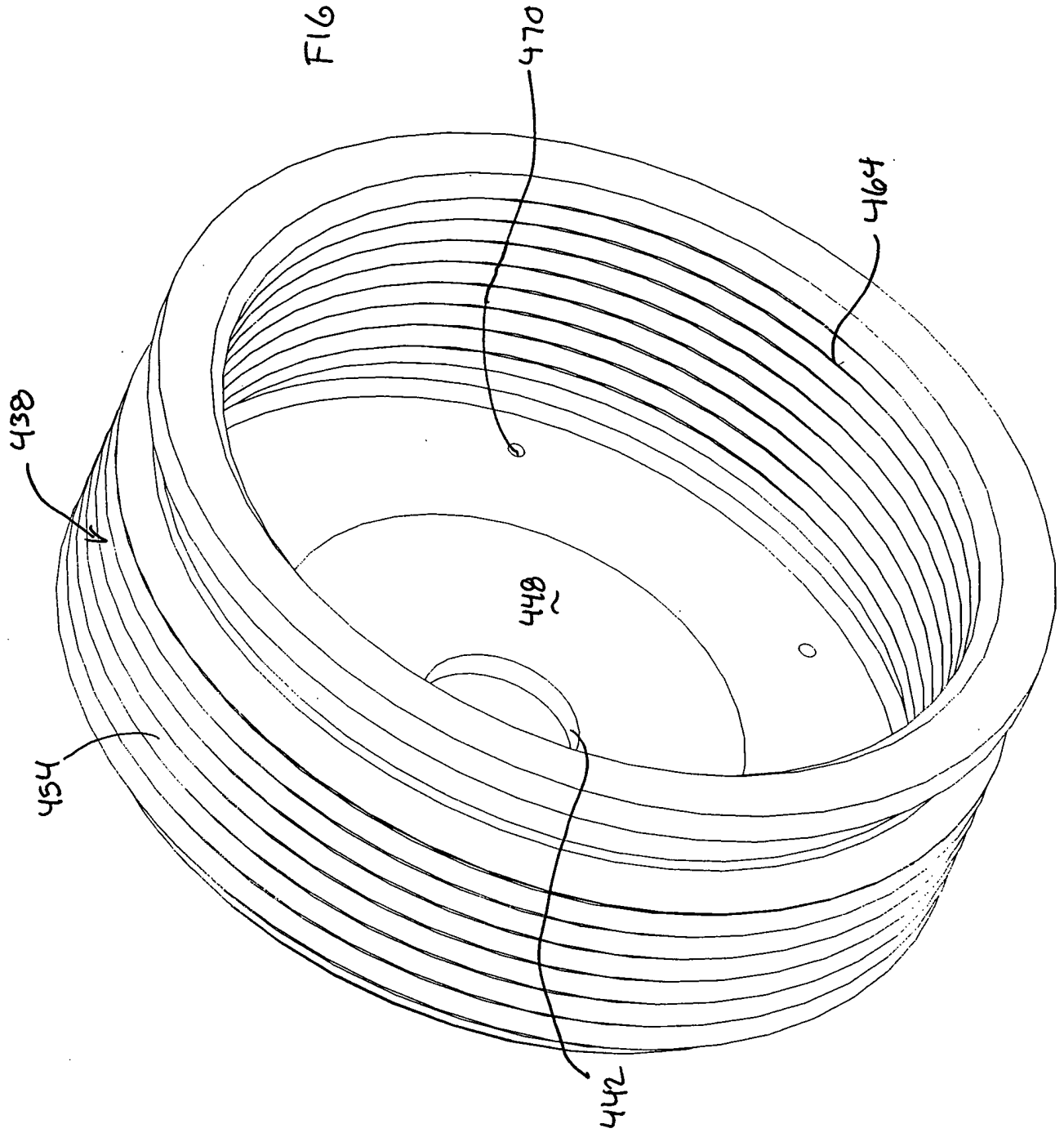
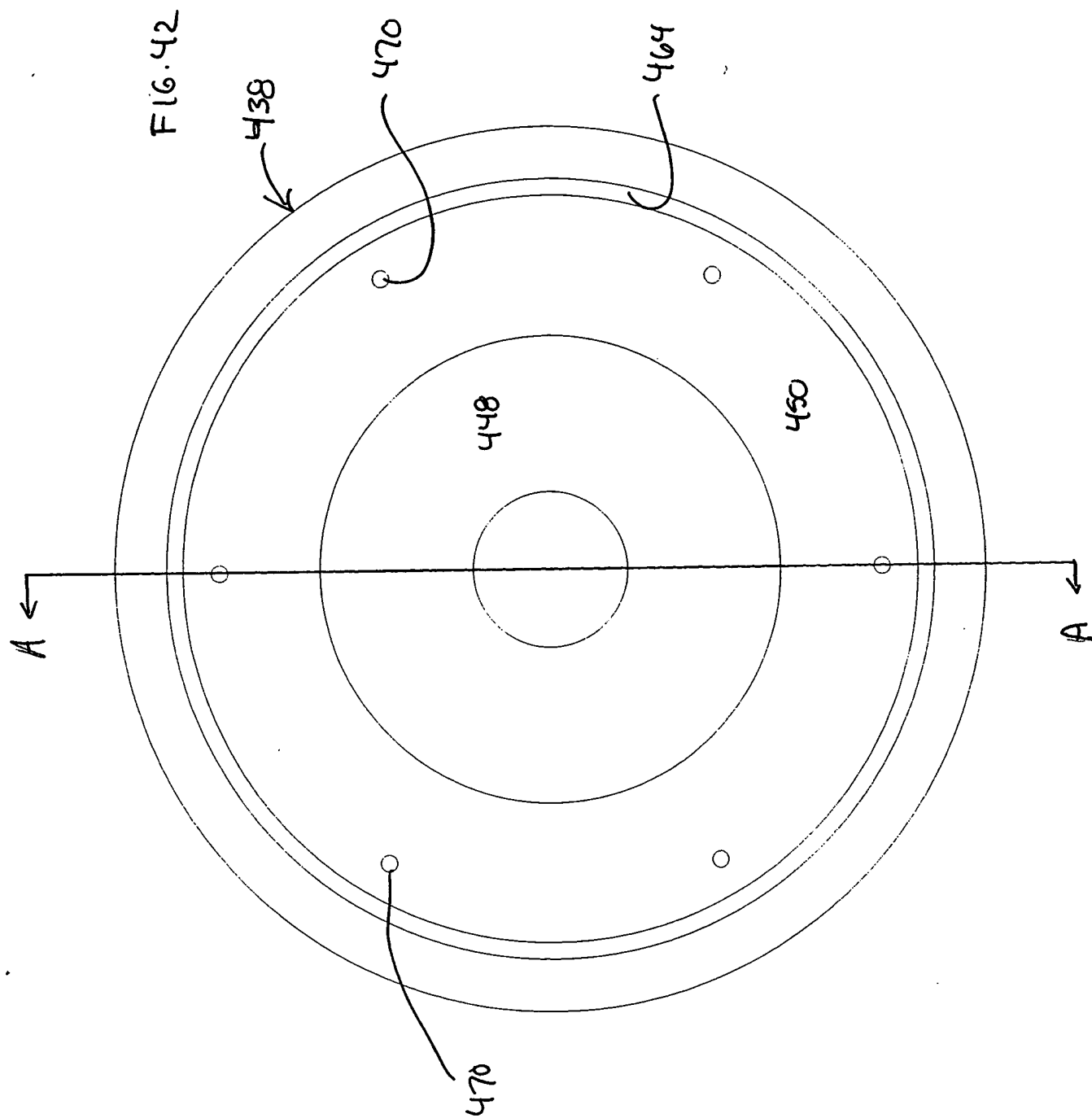


FIG. 40

FIG. 41





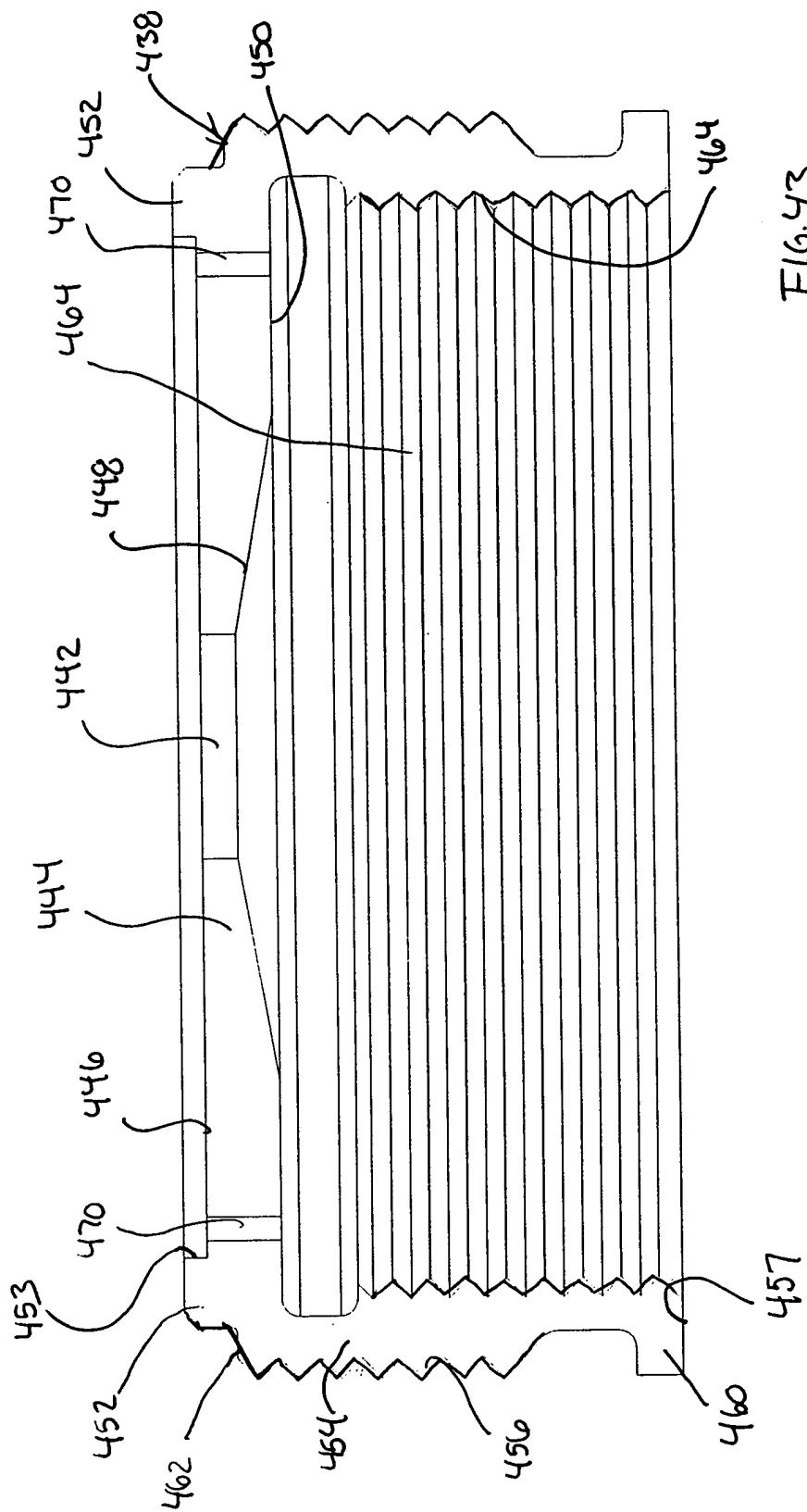
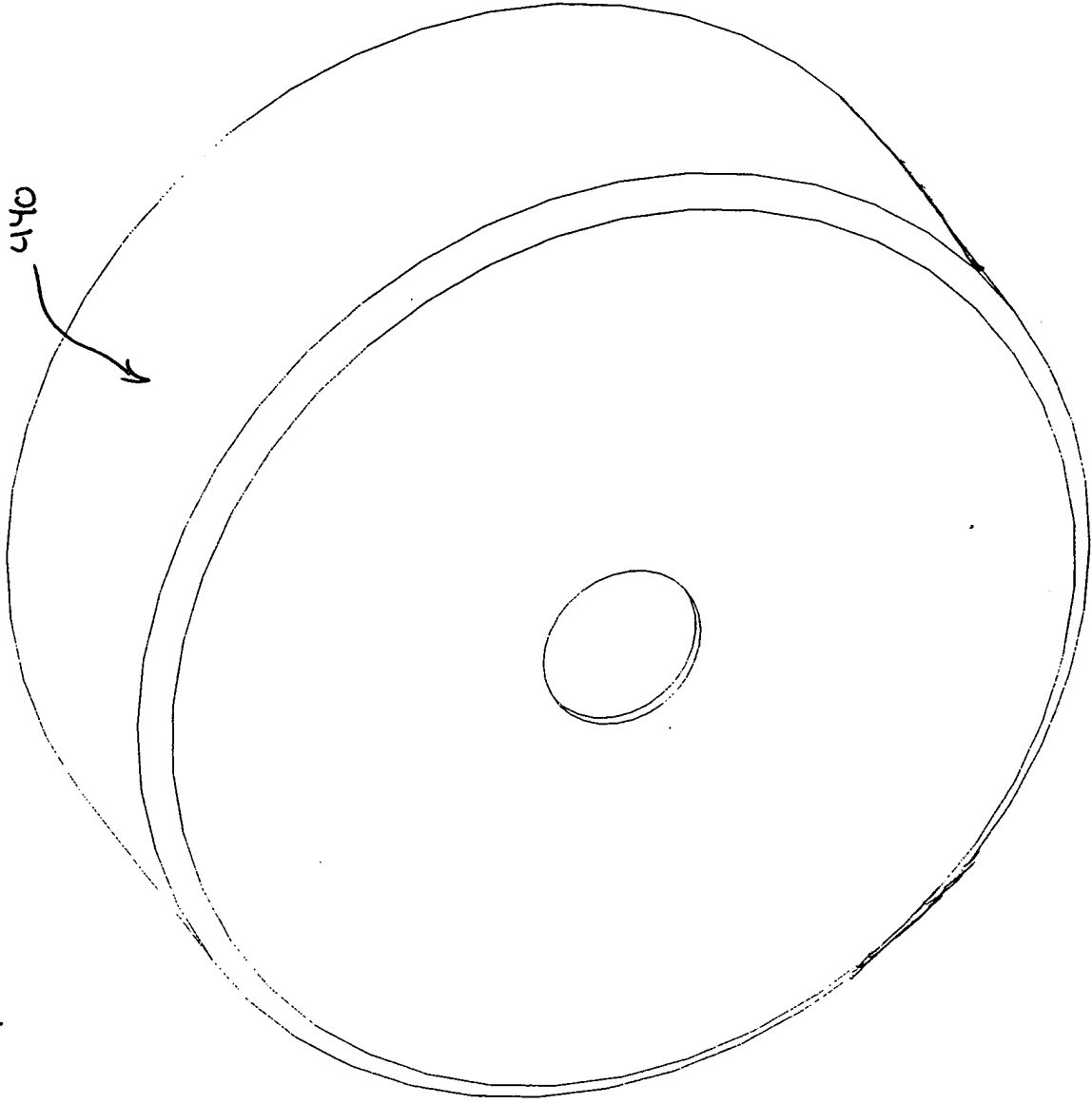


FIG. 43

FIG. 44



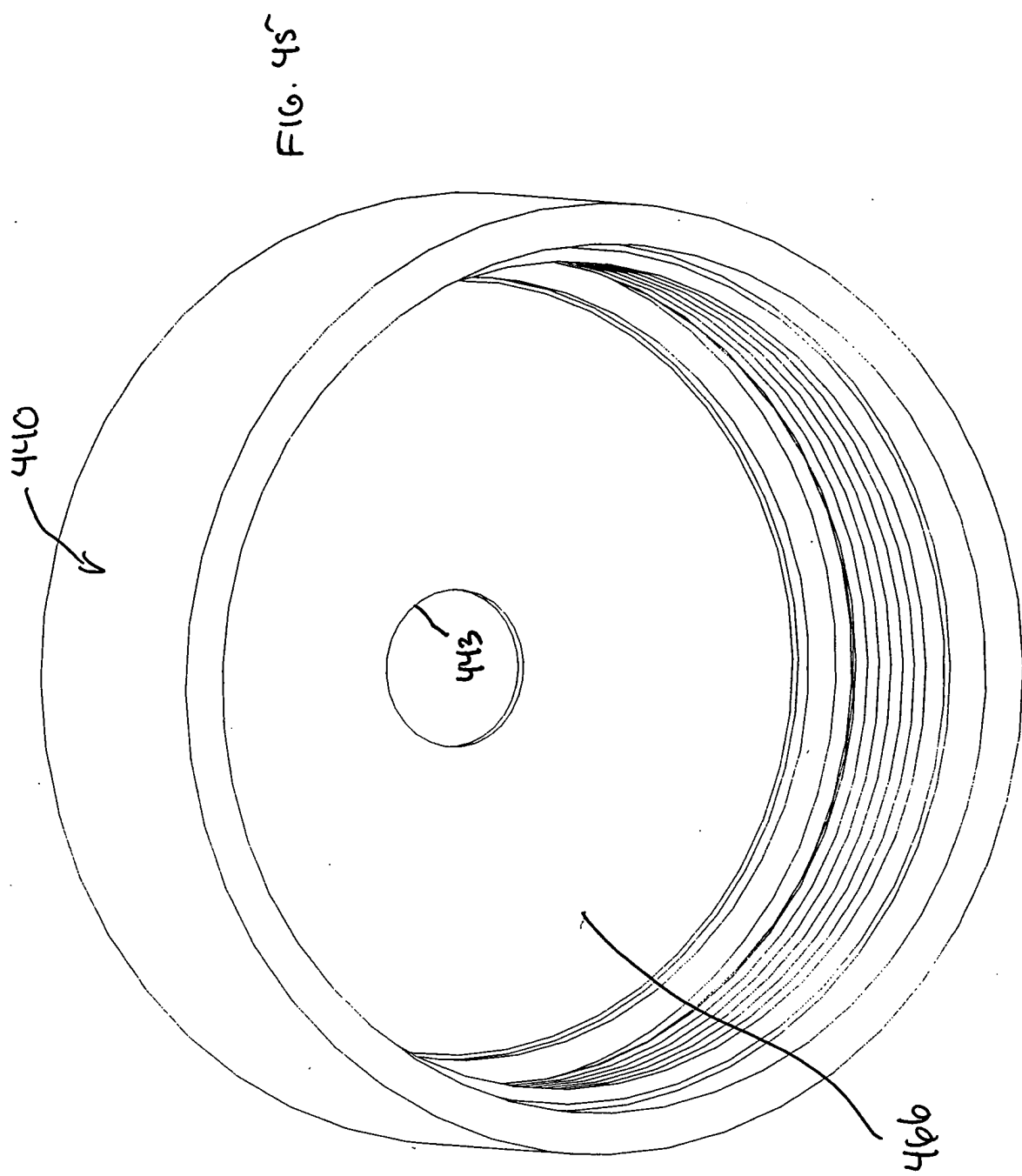


FIG. 45

FIG. 46

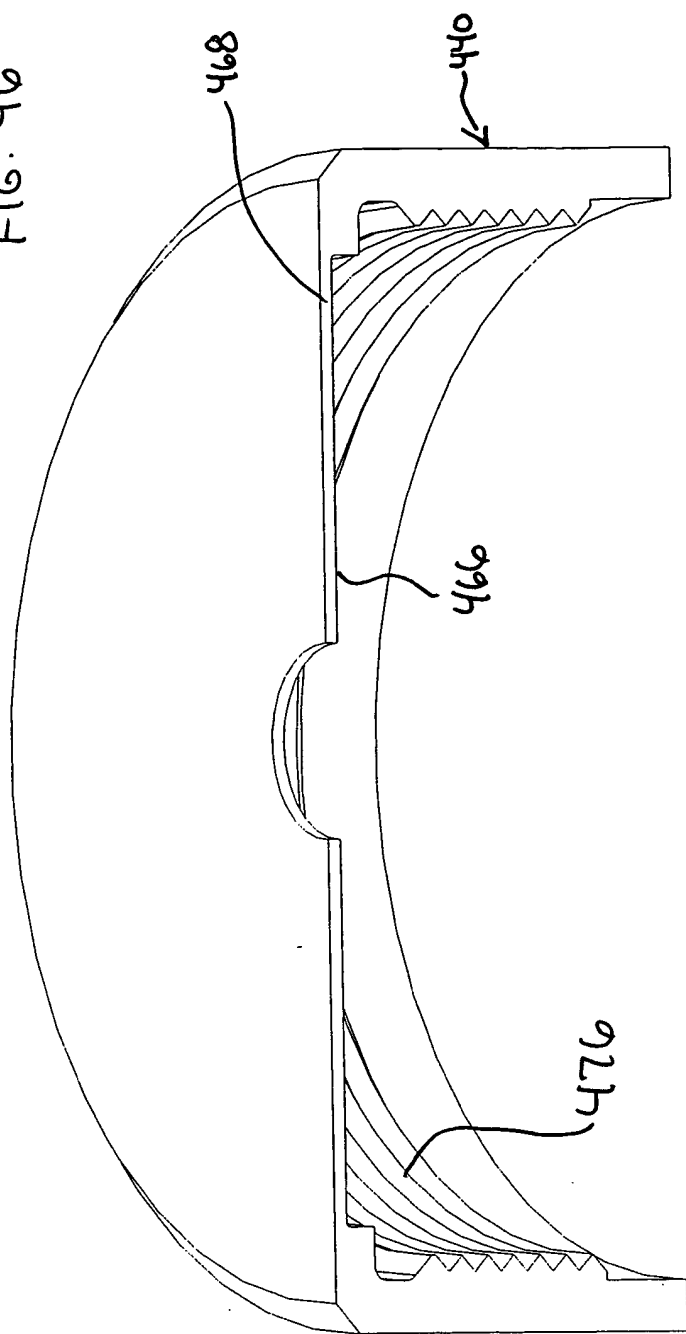


FIG. 47

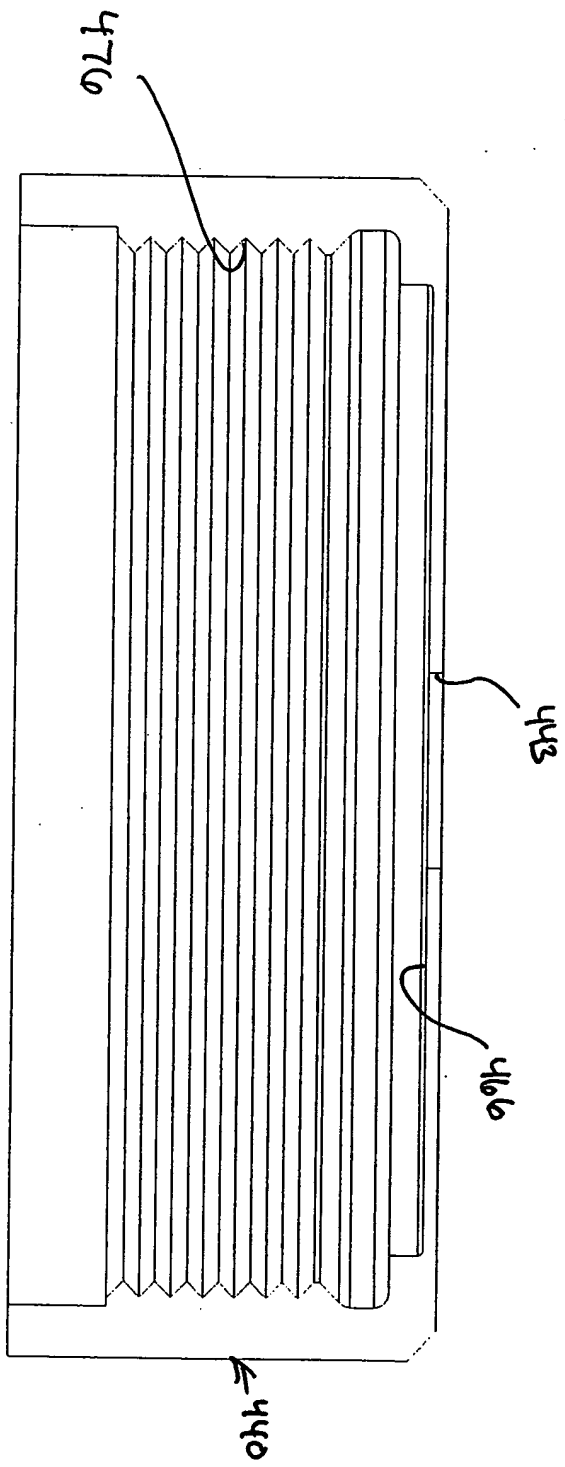


FIG. 48

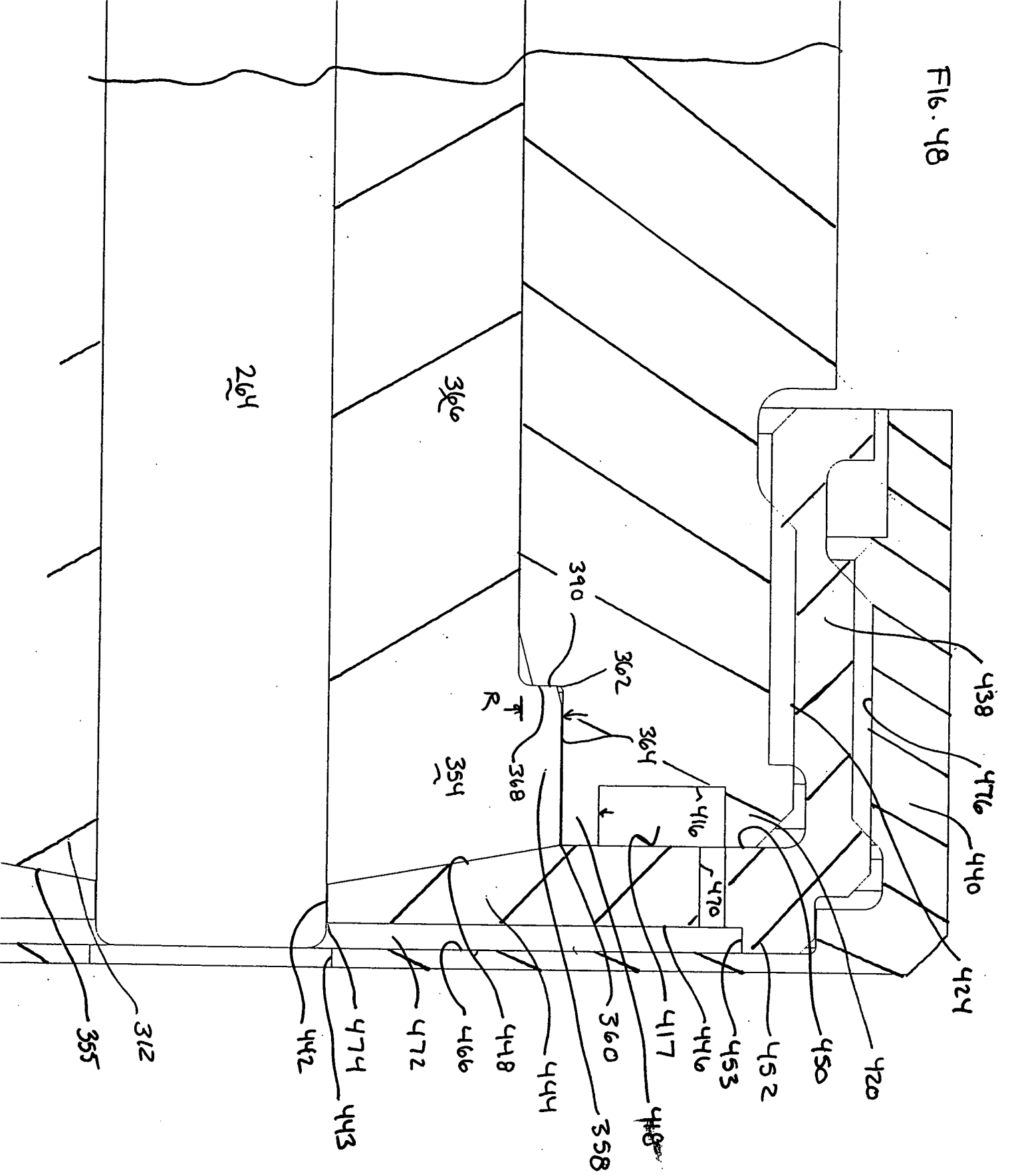
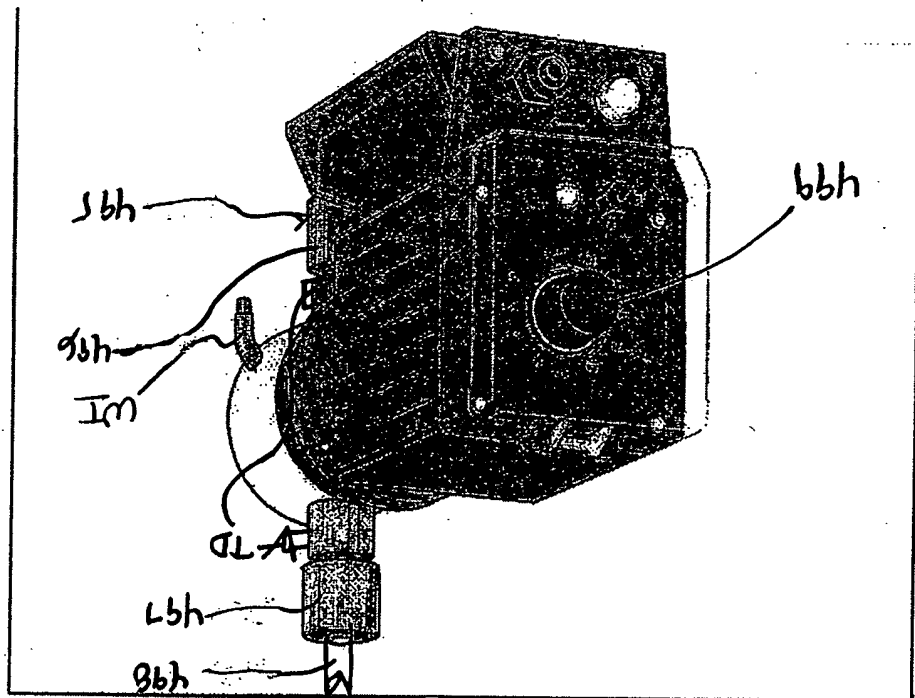


FIG. 54



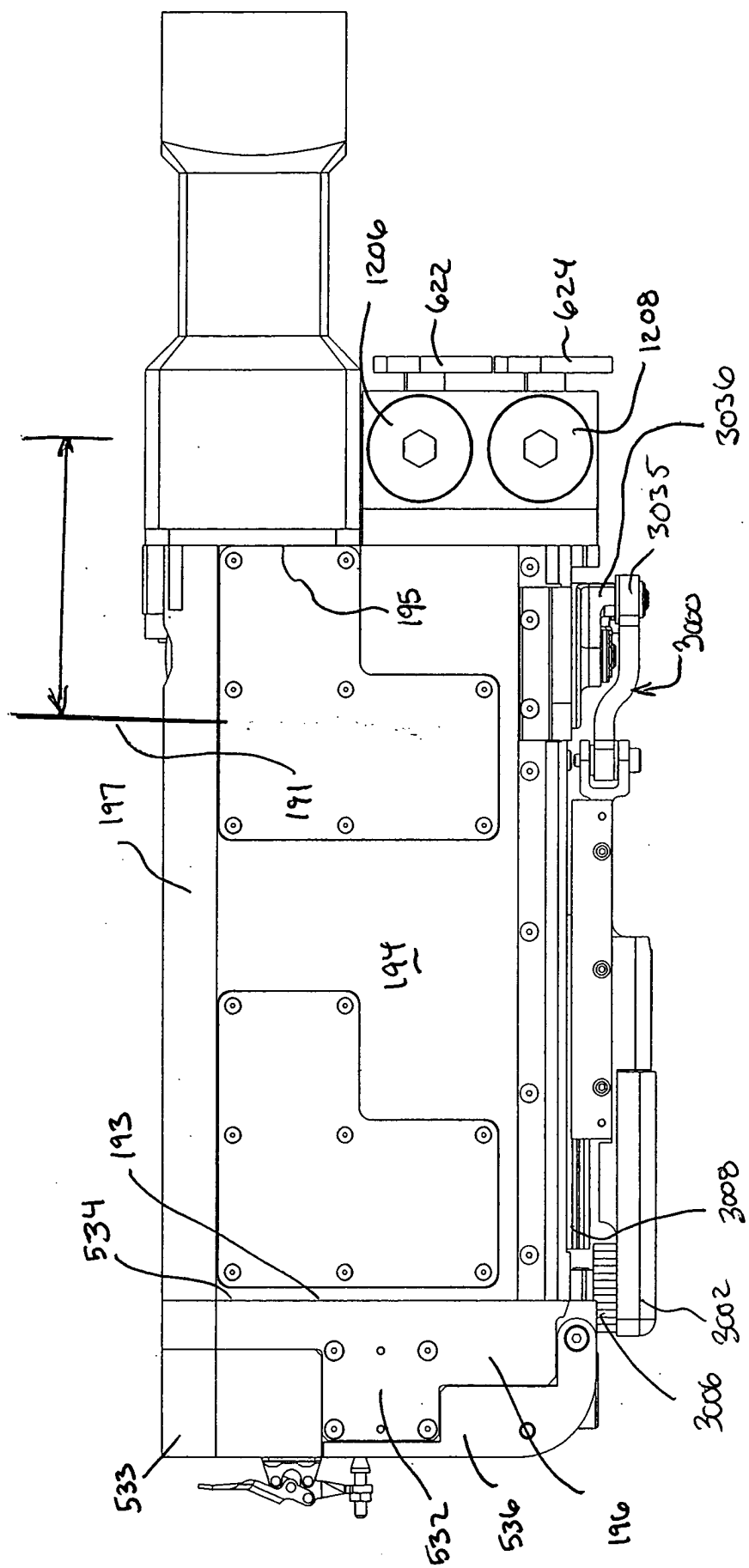


FIG. 55

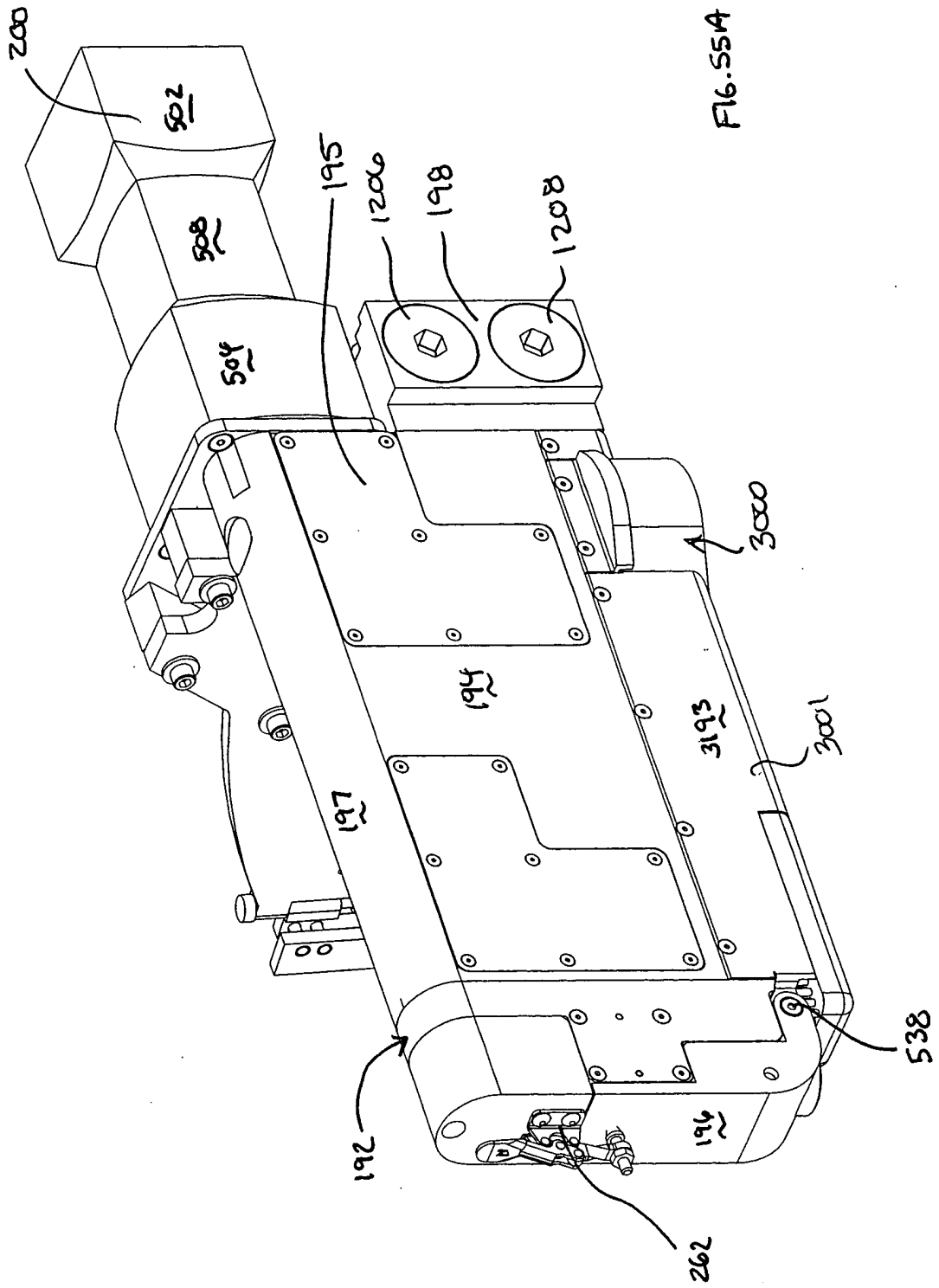
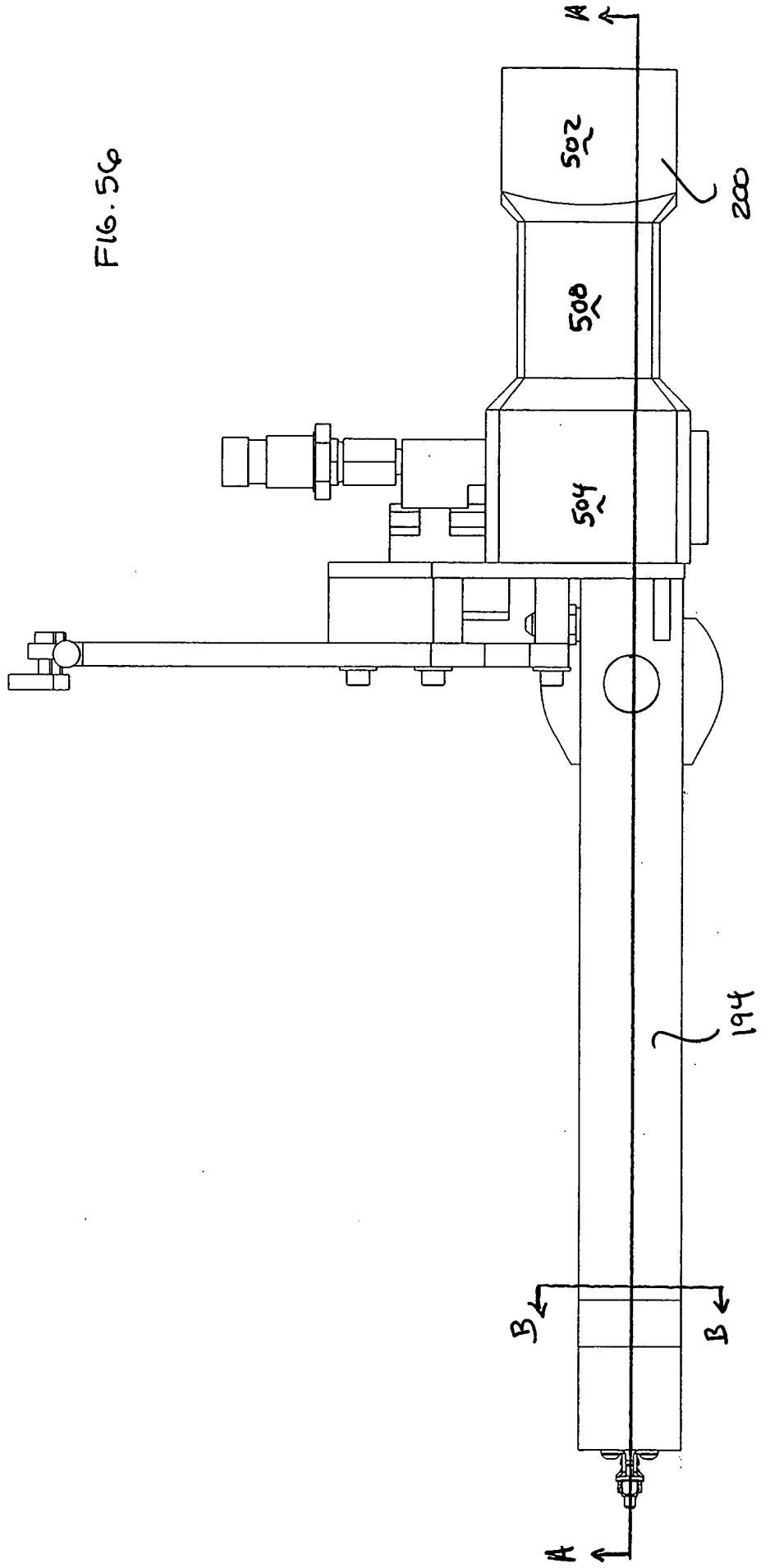


FIG. 55A

FIG. 56



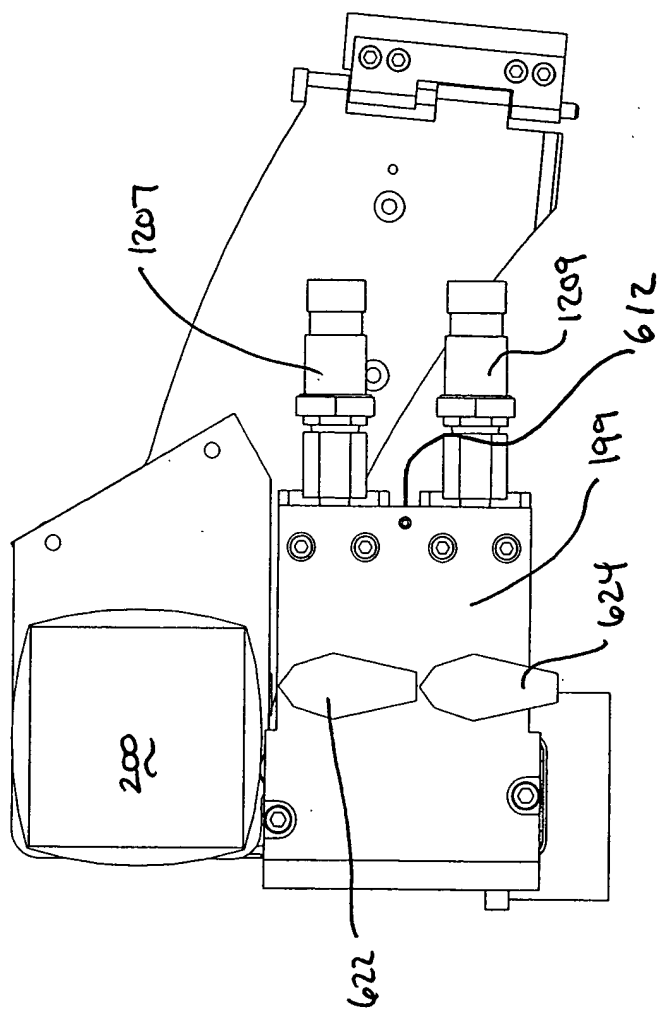


FIG. 57

FIG. 58

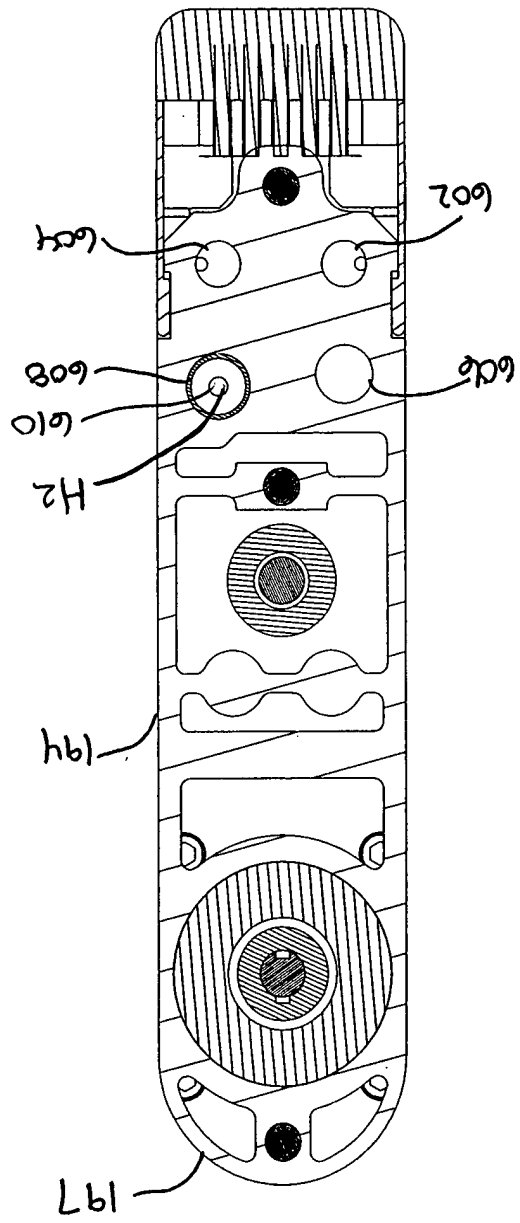


FIG. 59

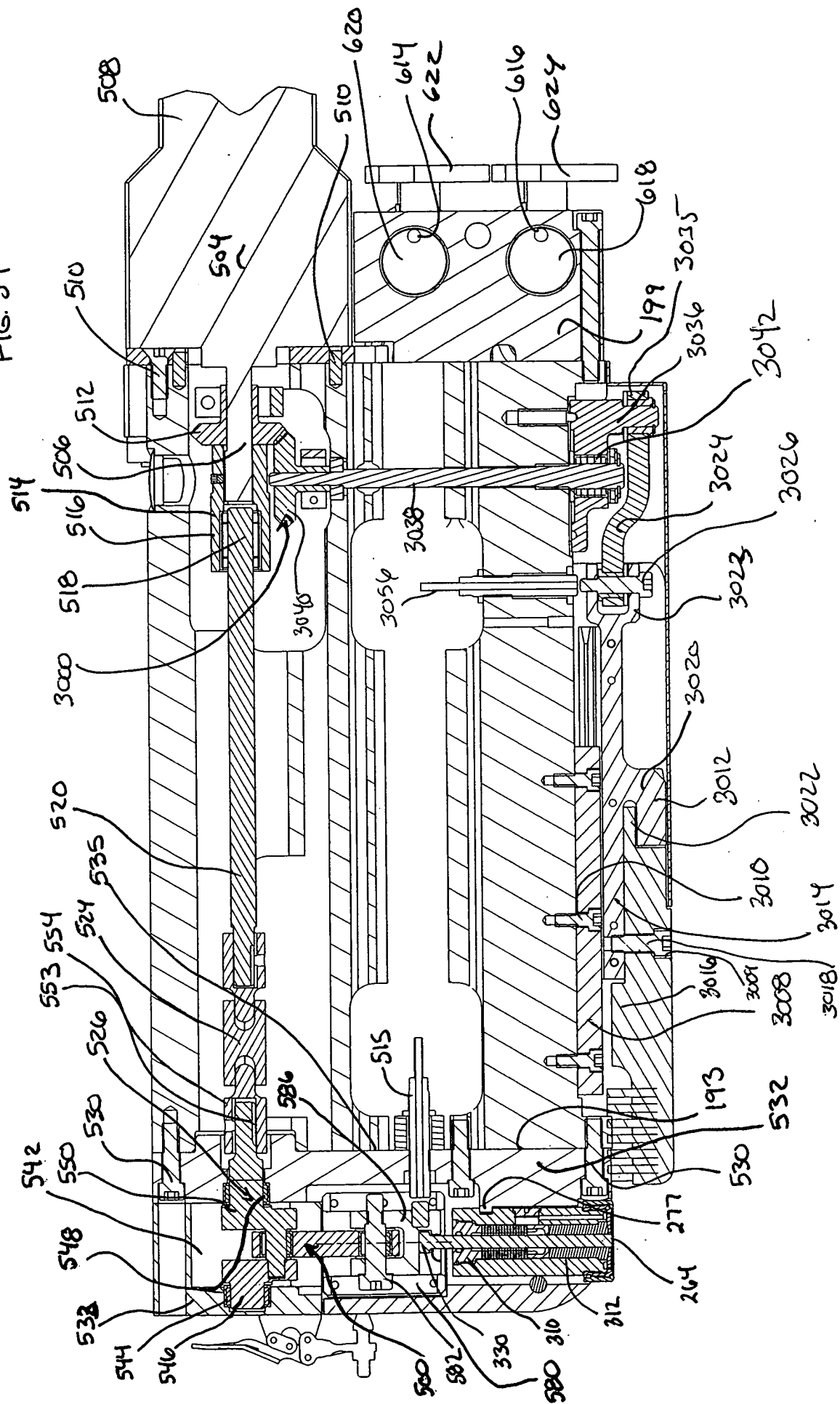


FIG. 60

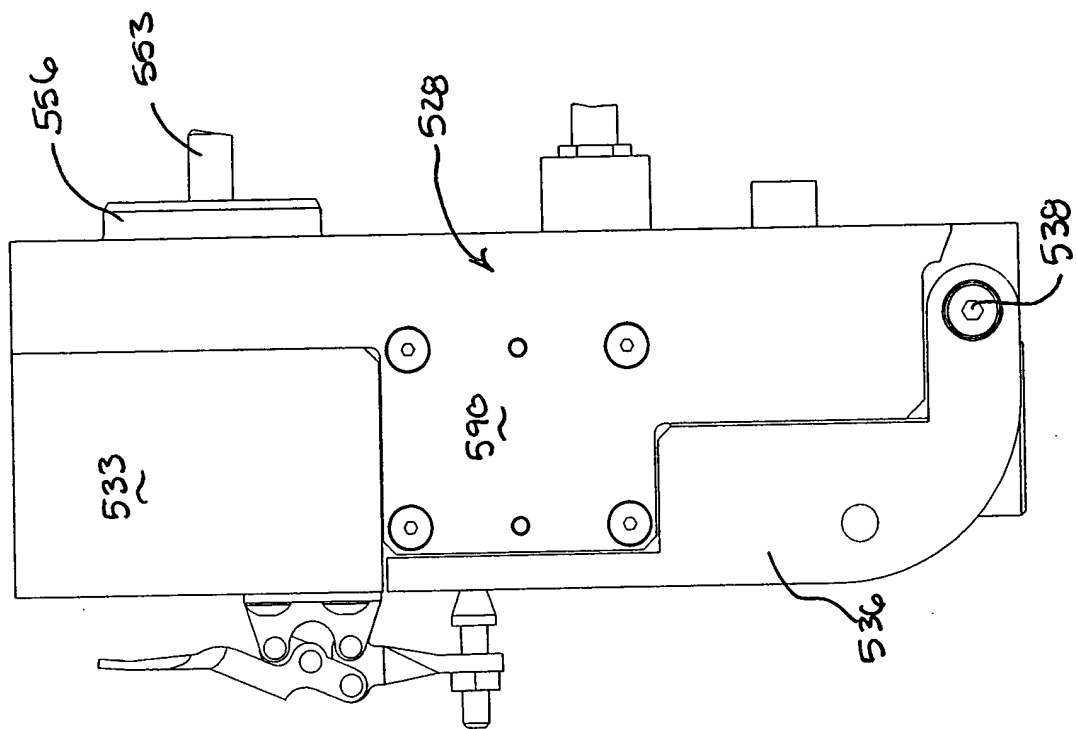
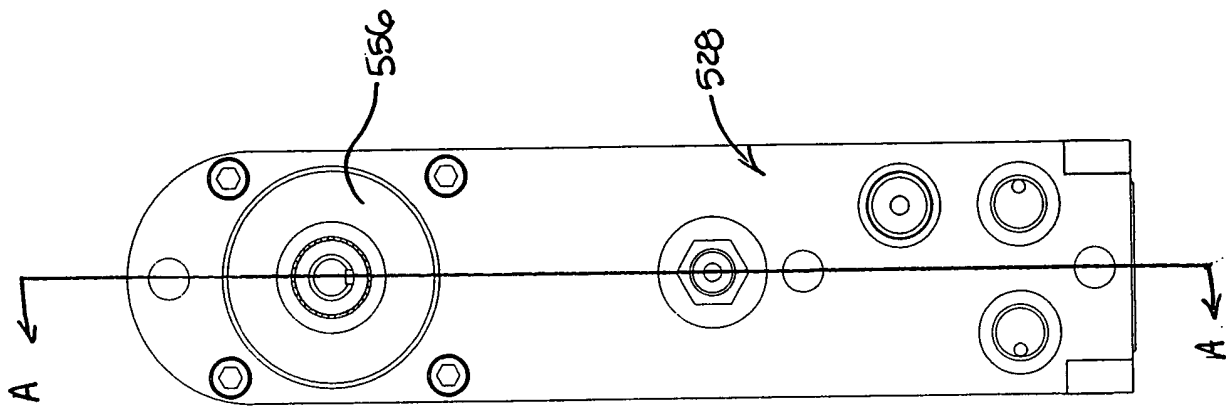


FIG. 61



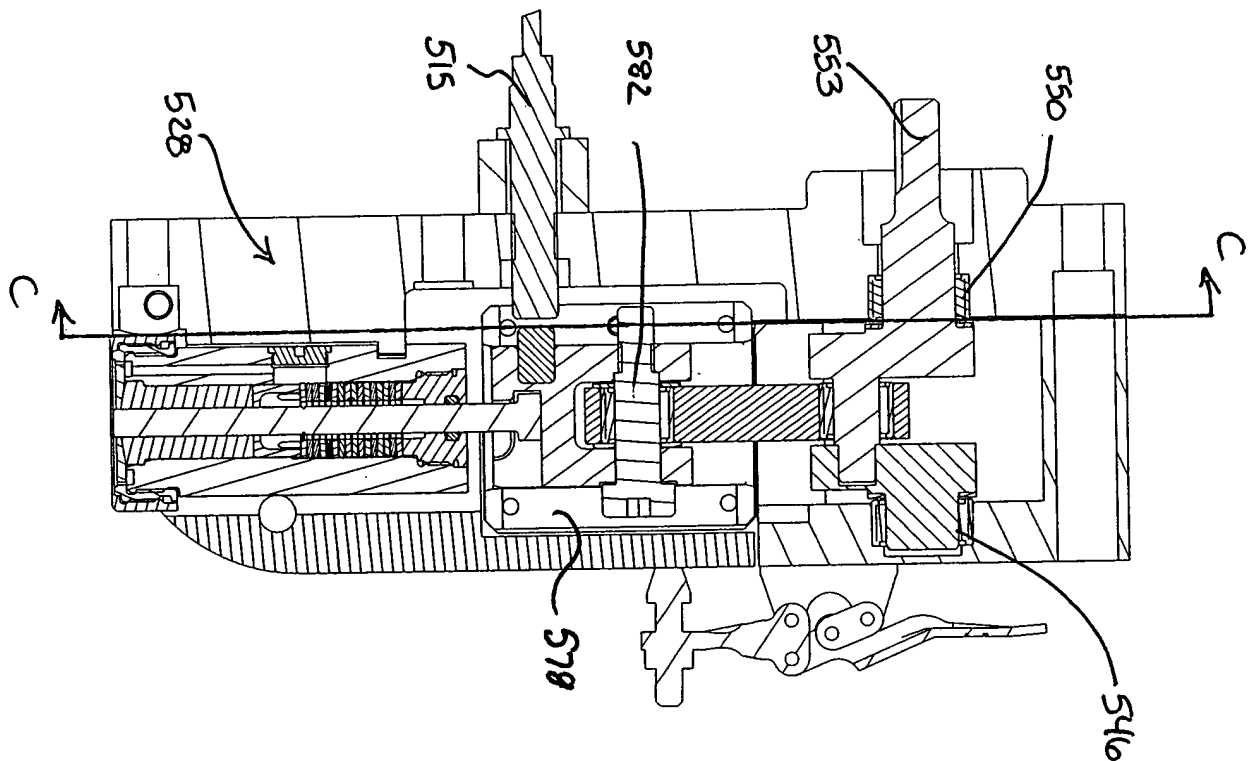


FIG. 62

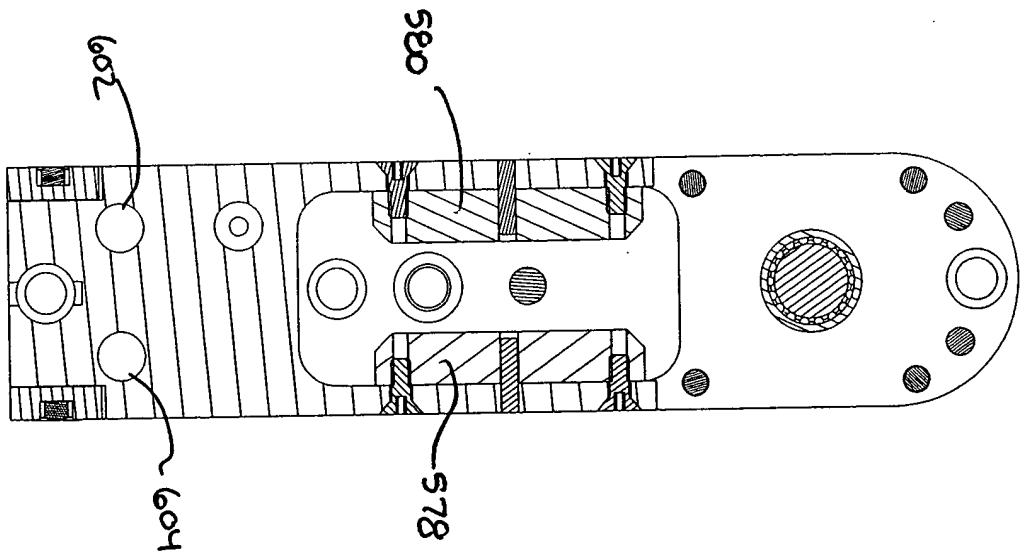
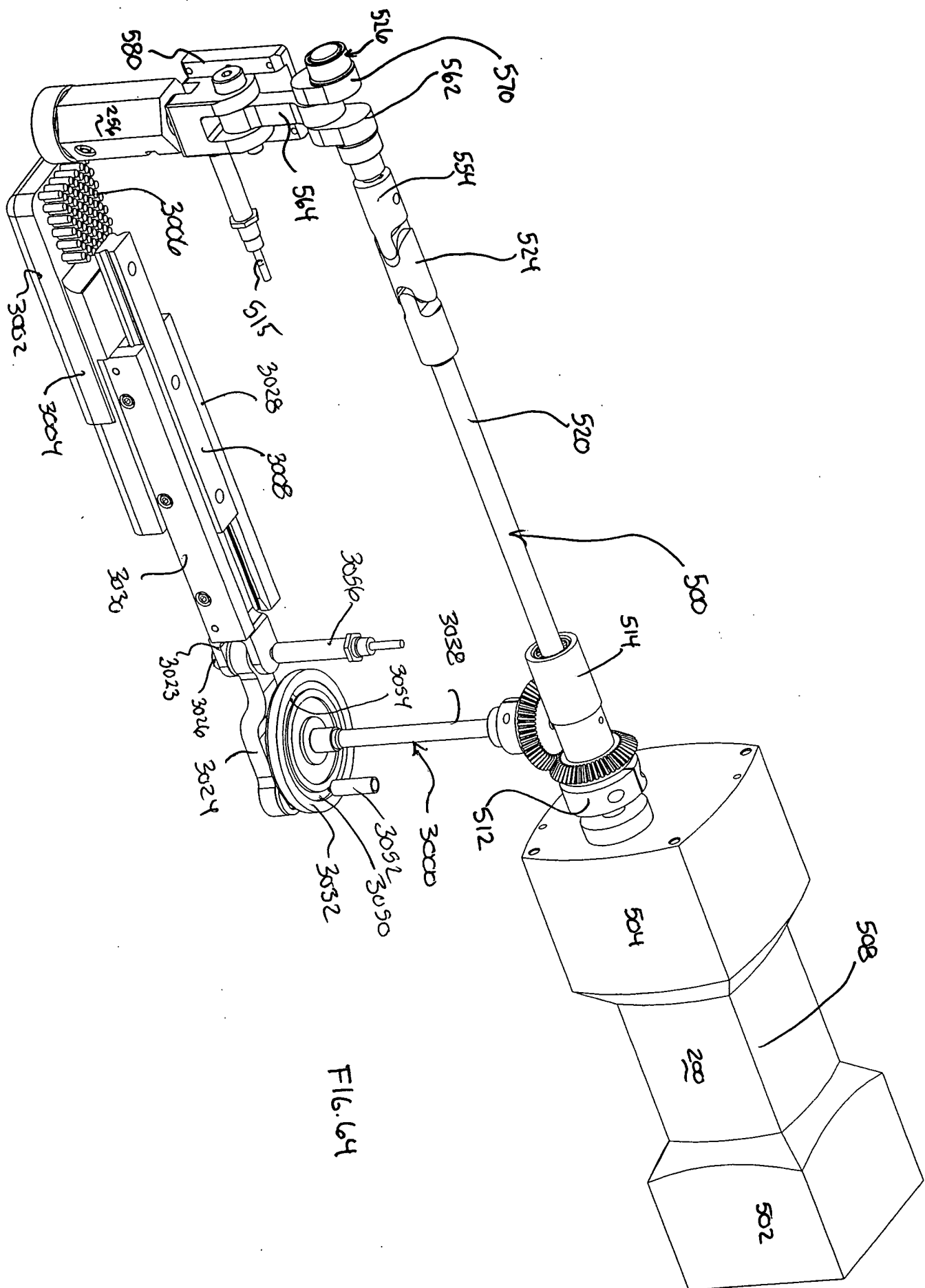


FIG. 63



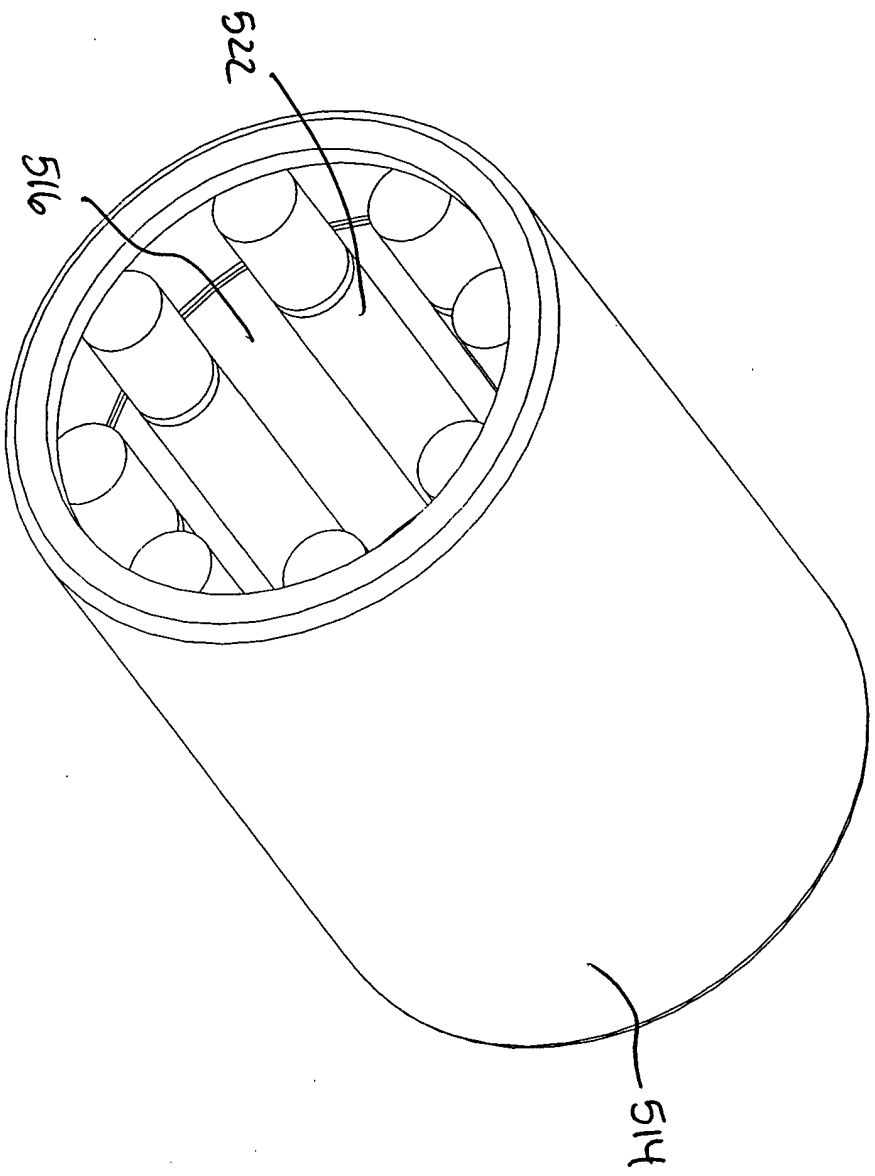


FIG. 65

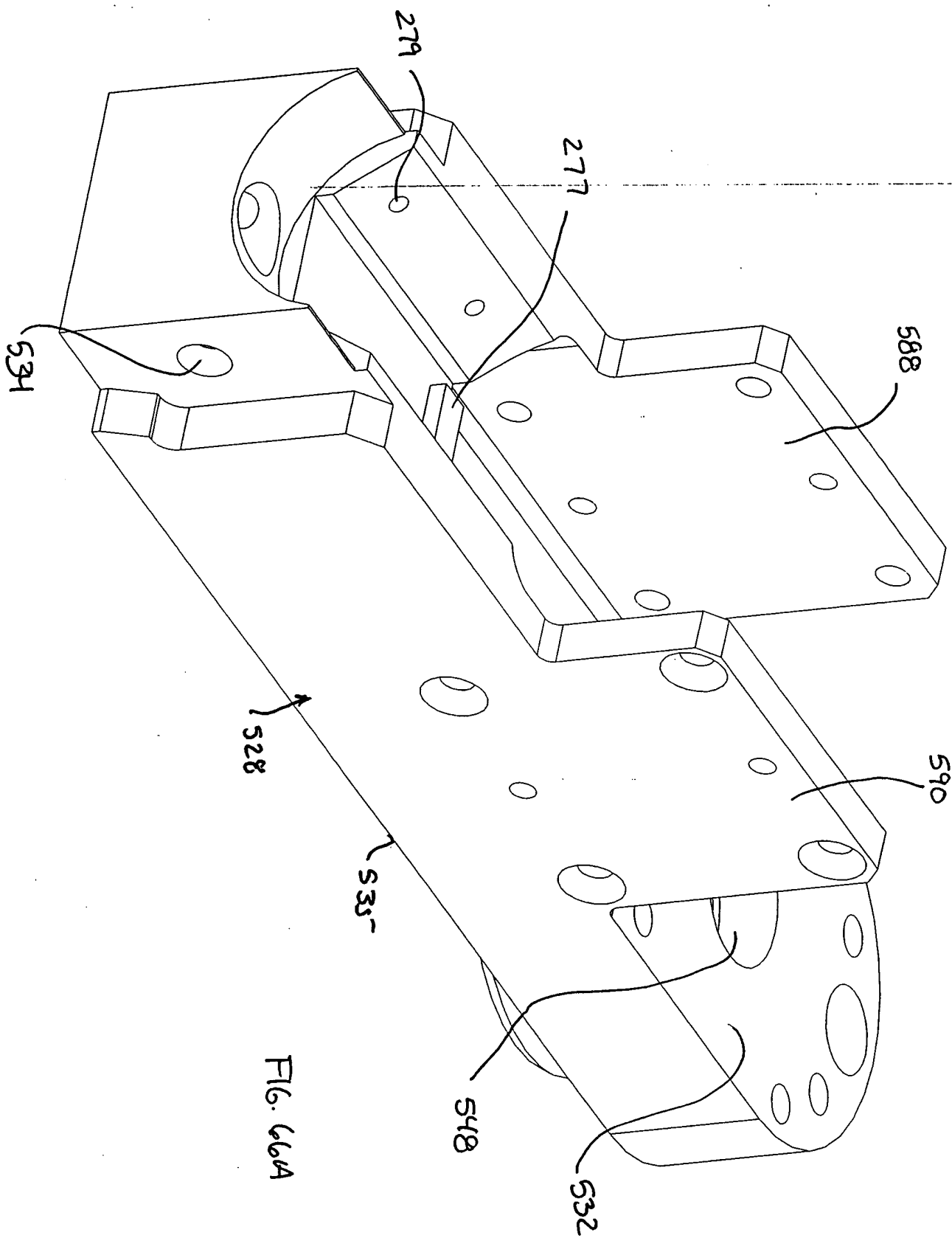


FIG. 66A

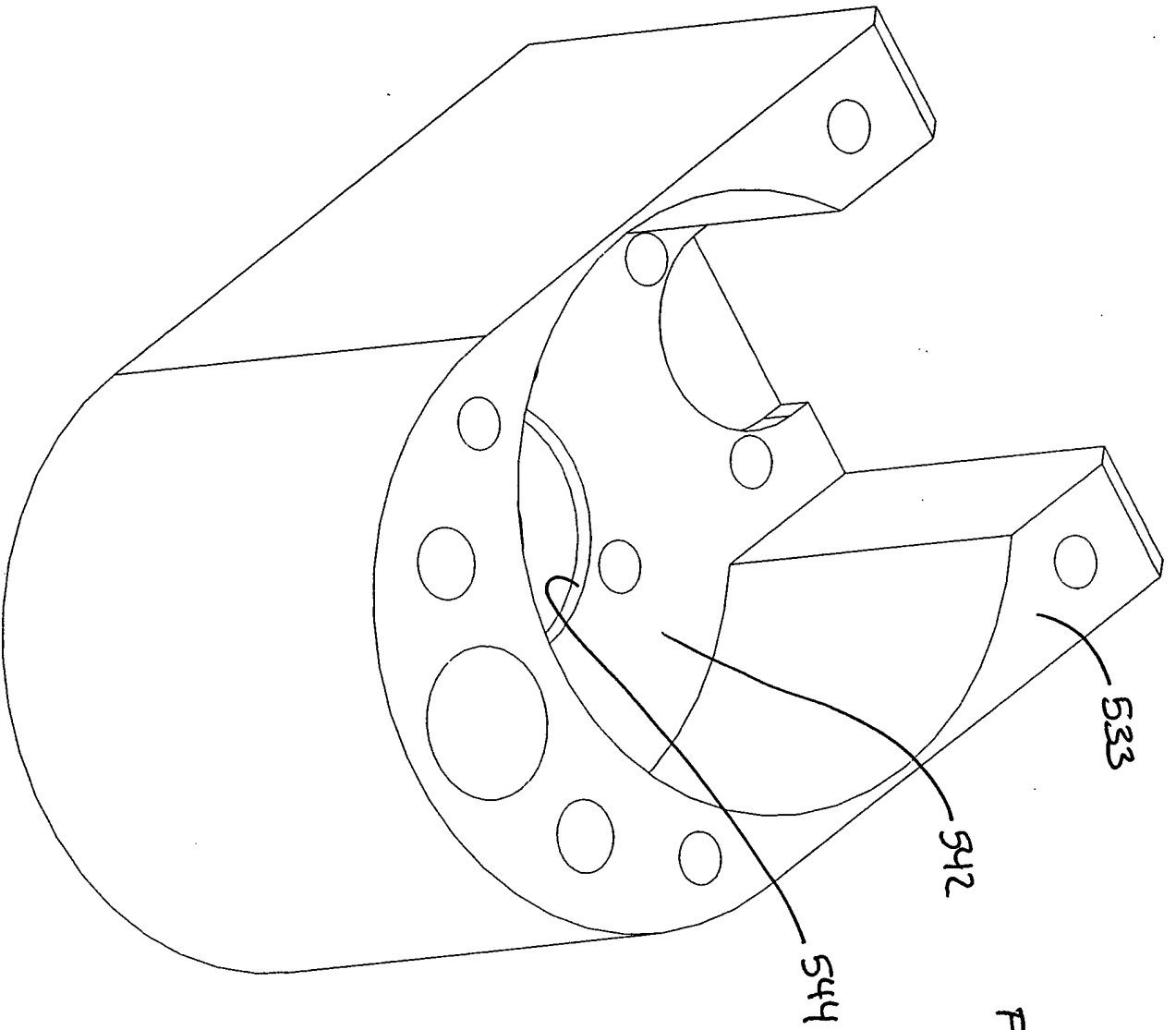


FIG. 66B

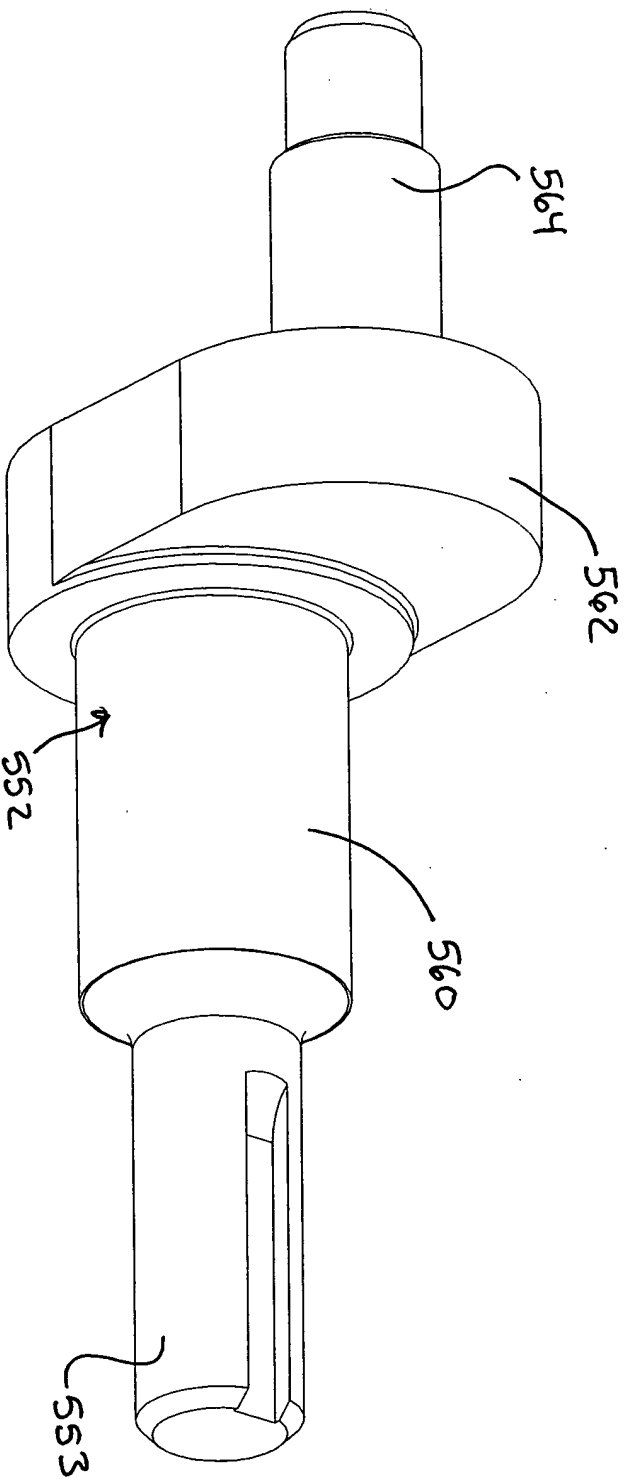


FIG. 67

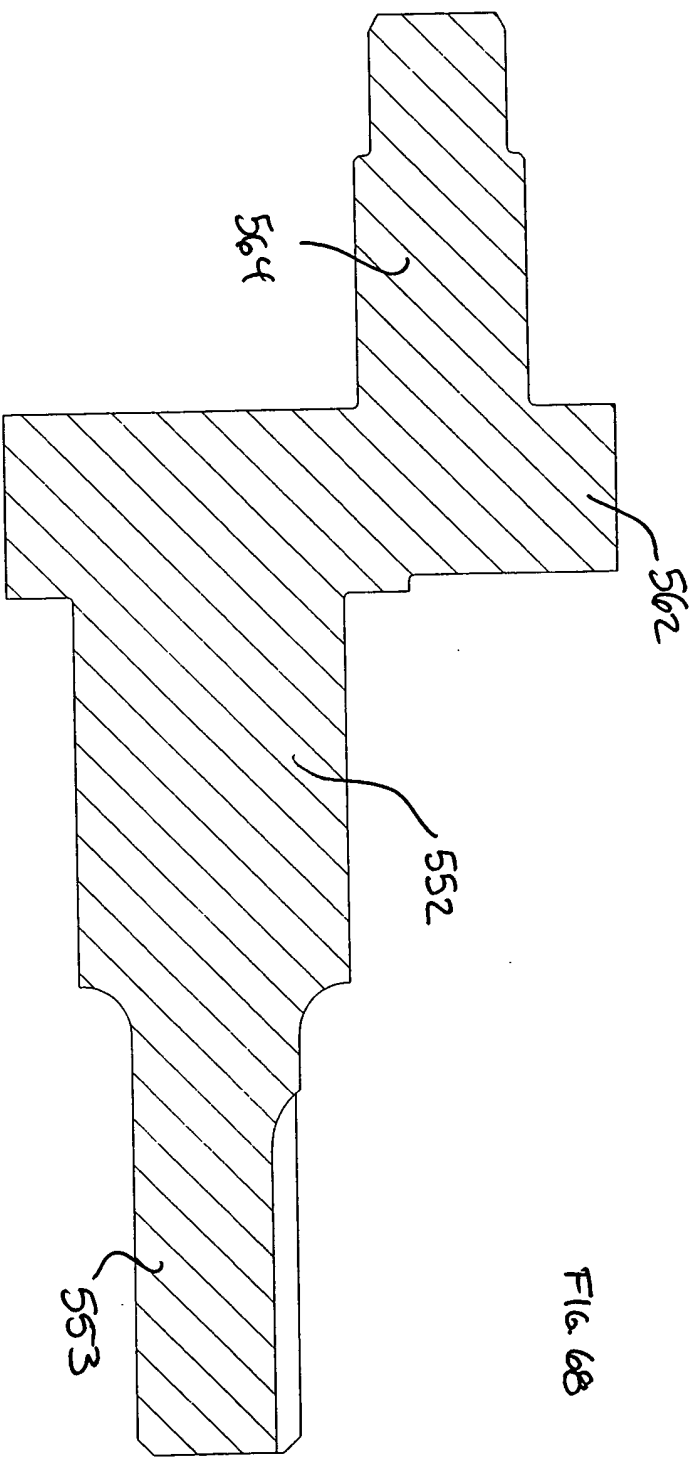


FIG. 6B

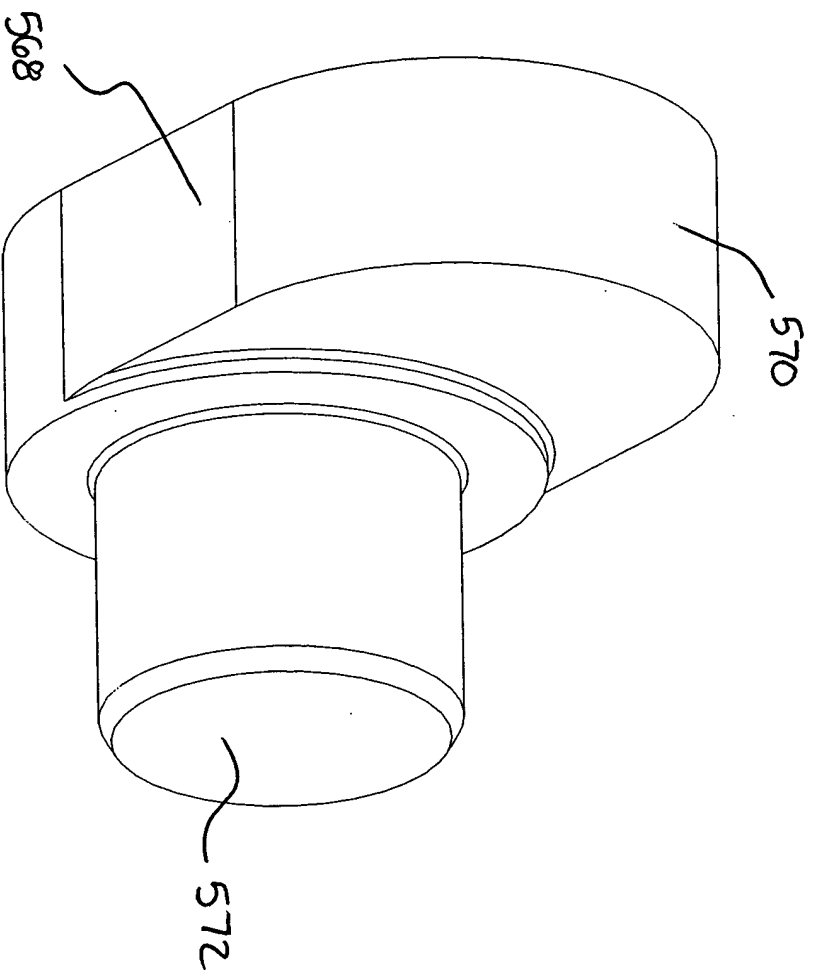


FIG. 69

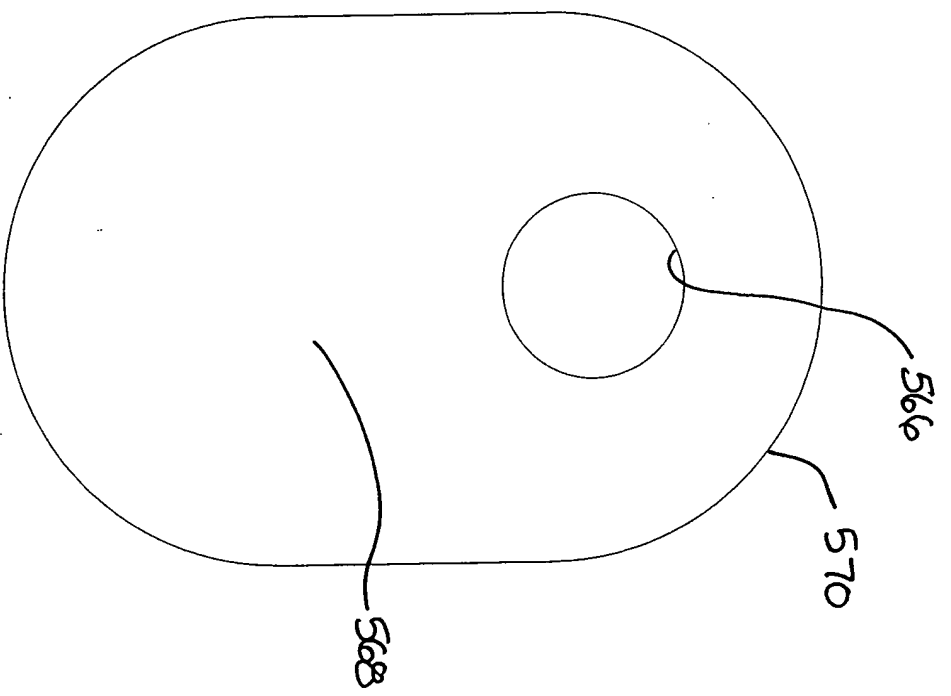


FIG. 70

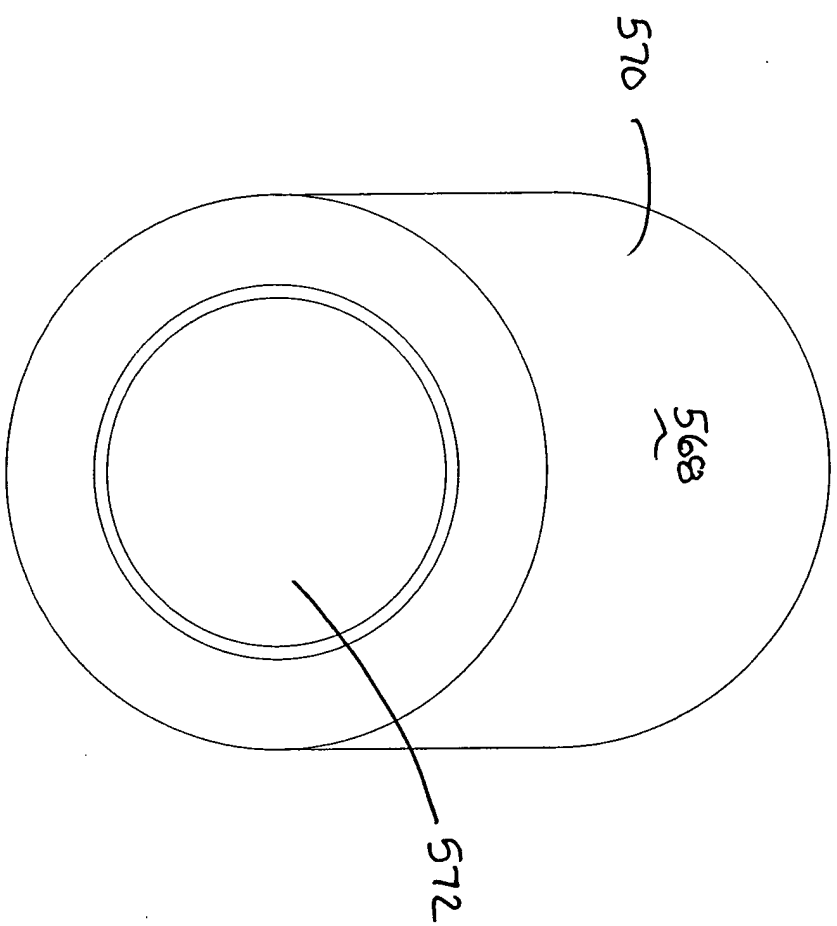


FIG. 71

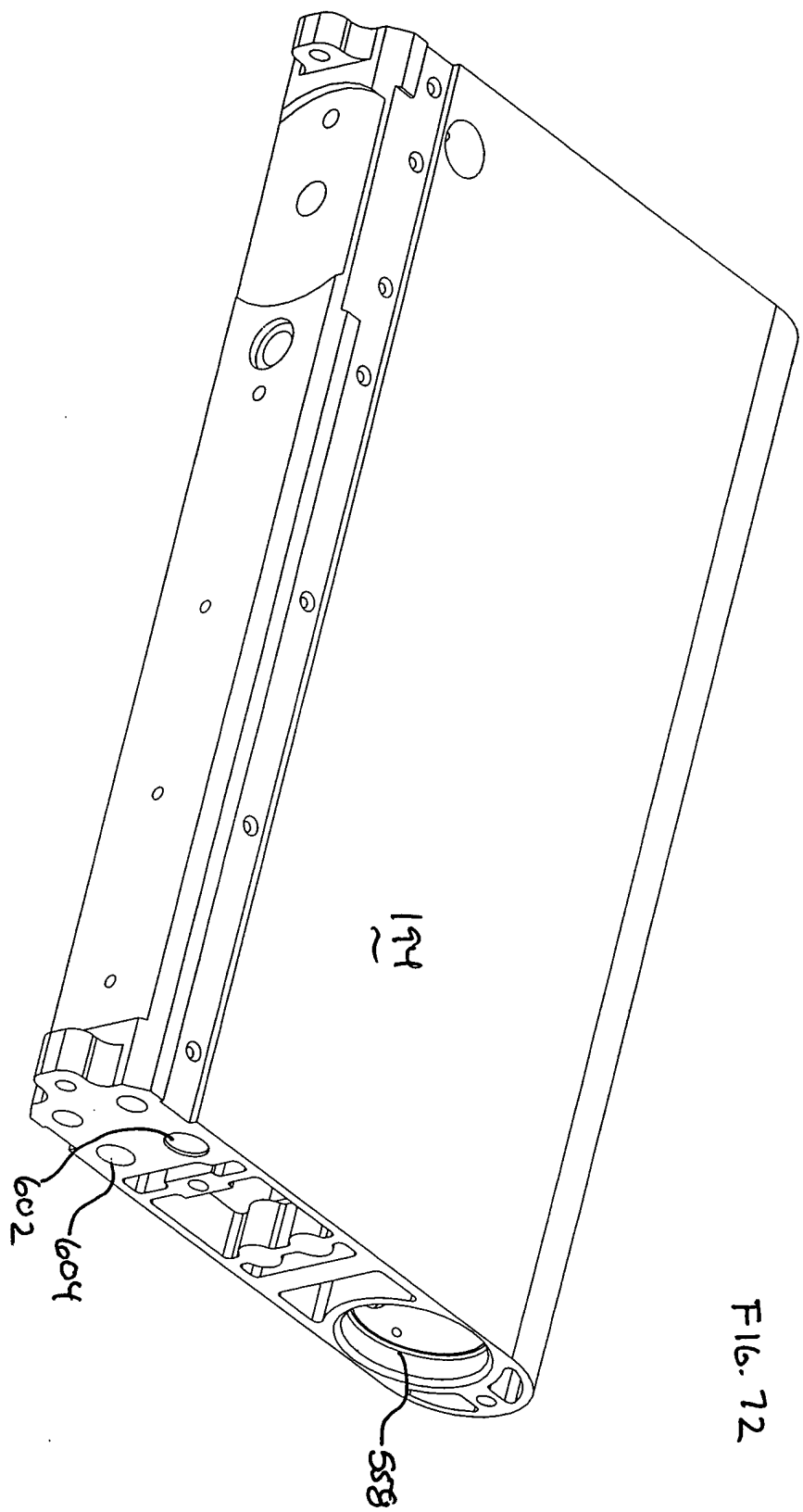


FIG. 72

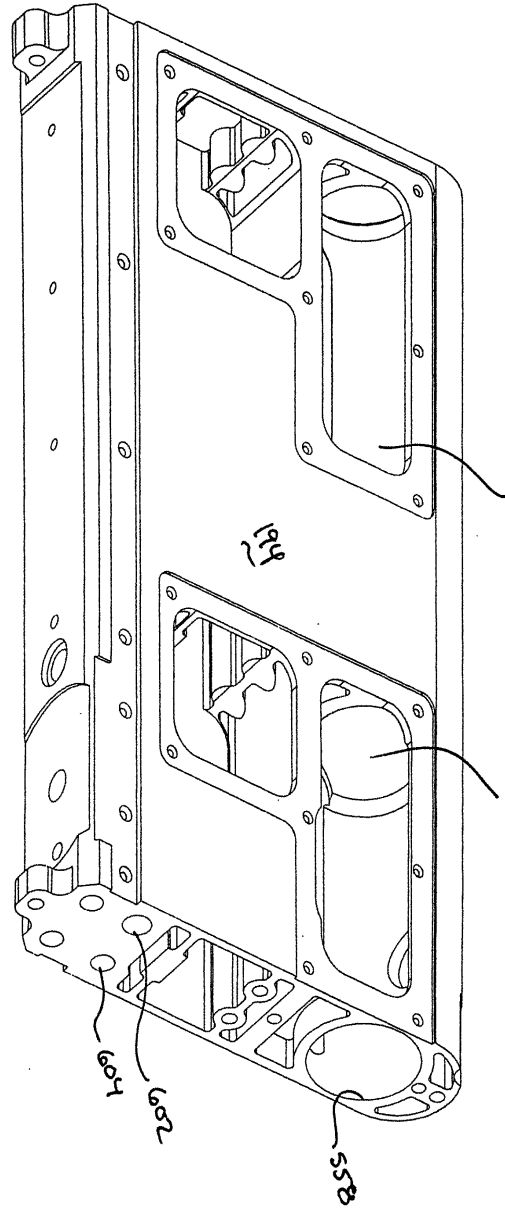


FIG. 12A

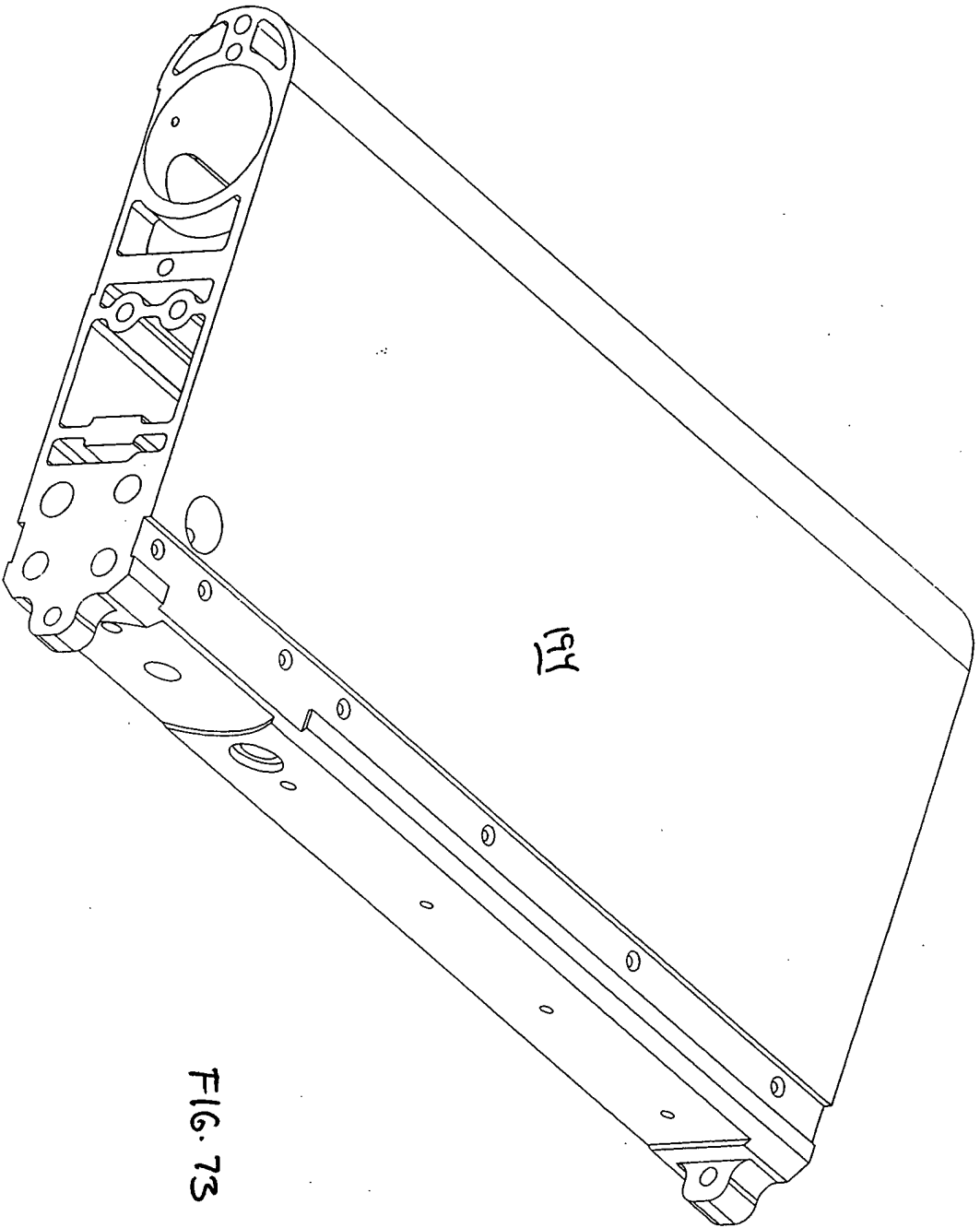


FIG. 73

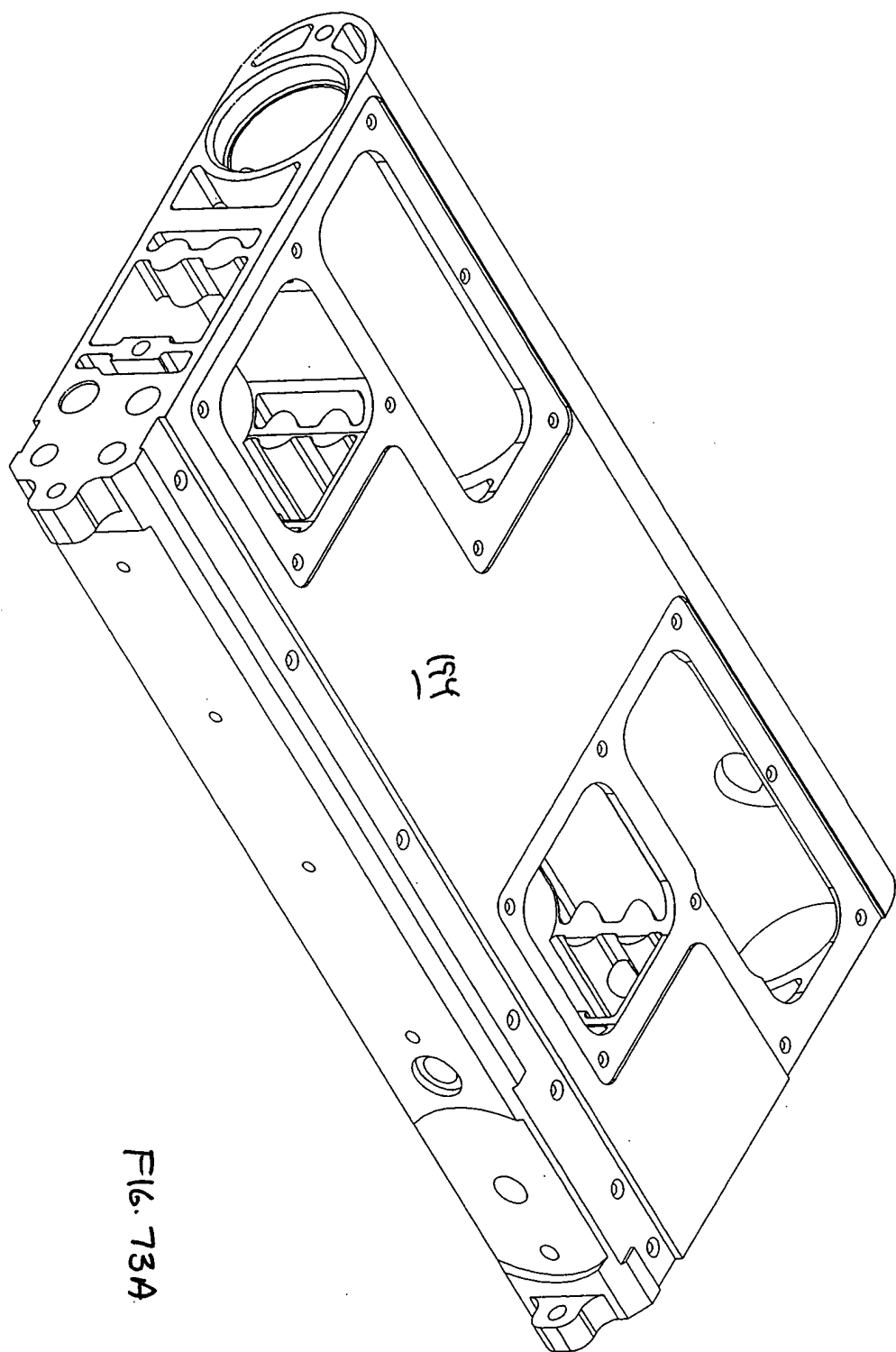


FIG. 73A

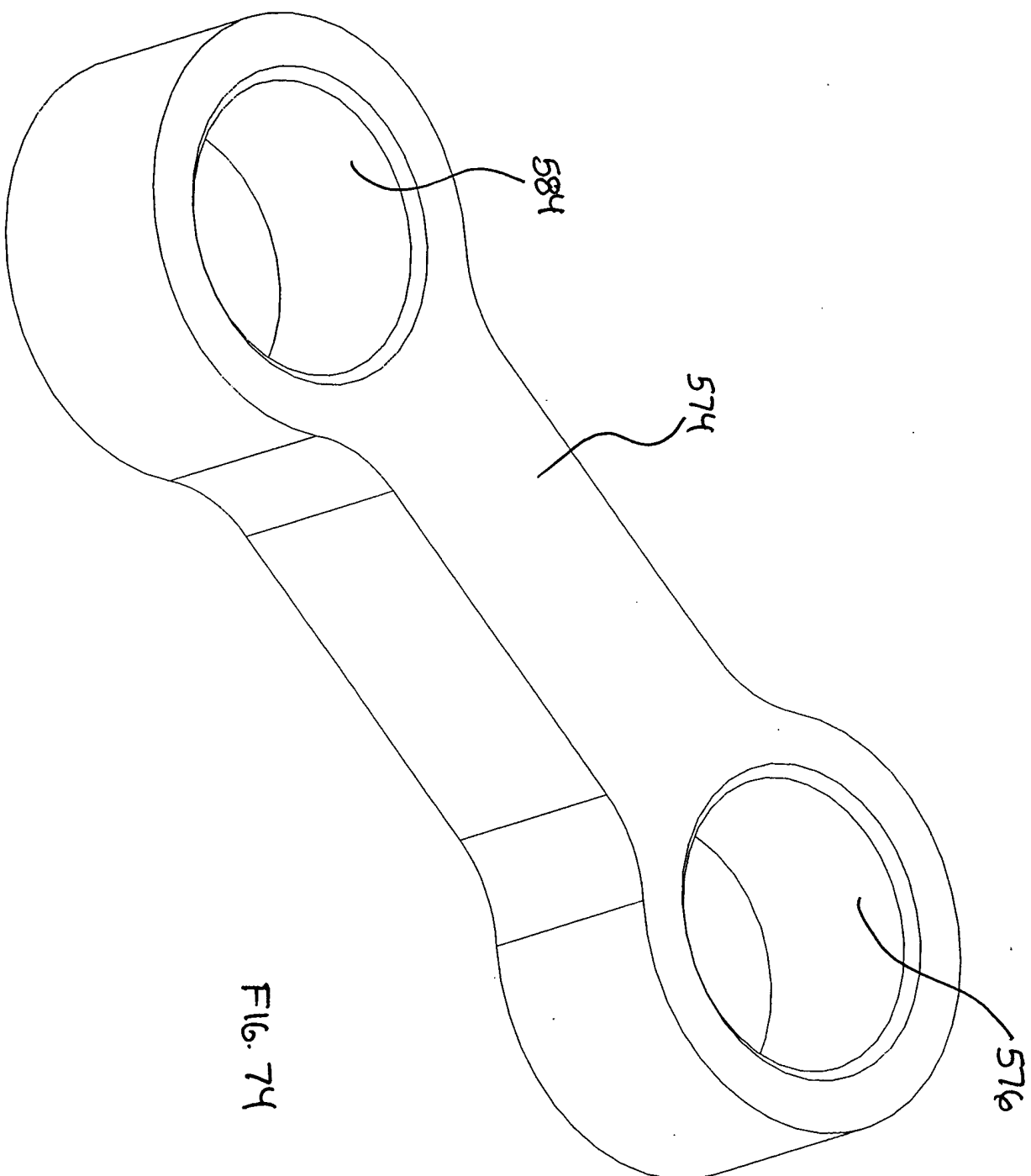


FIG. 74

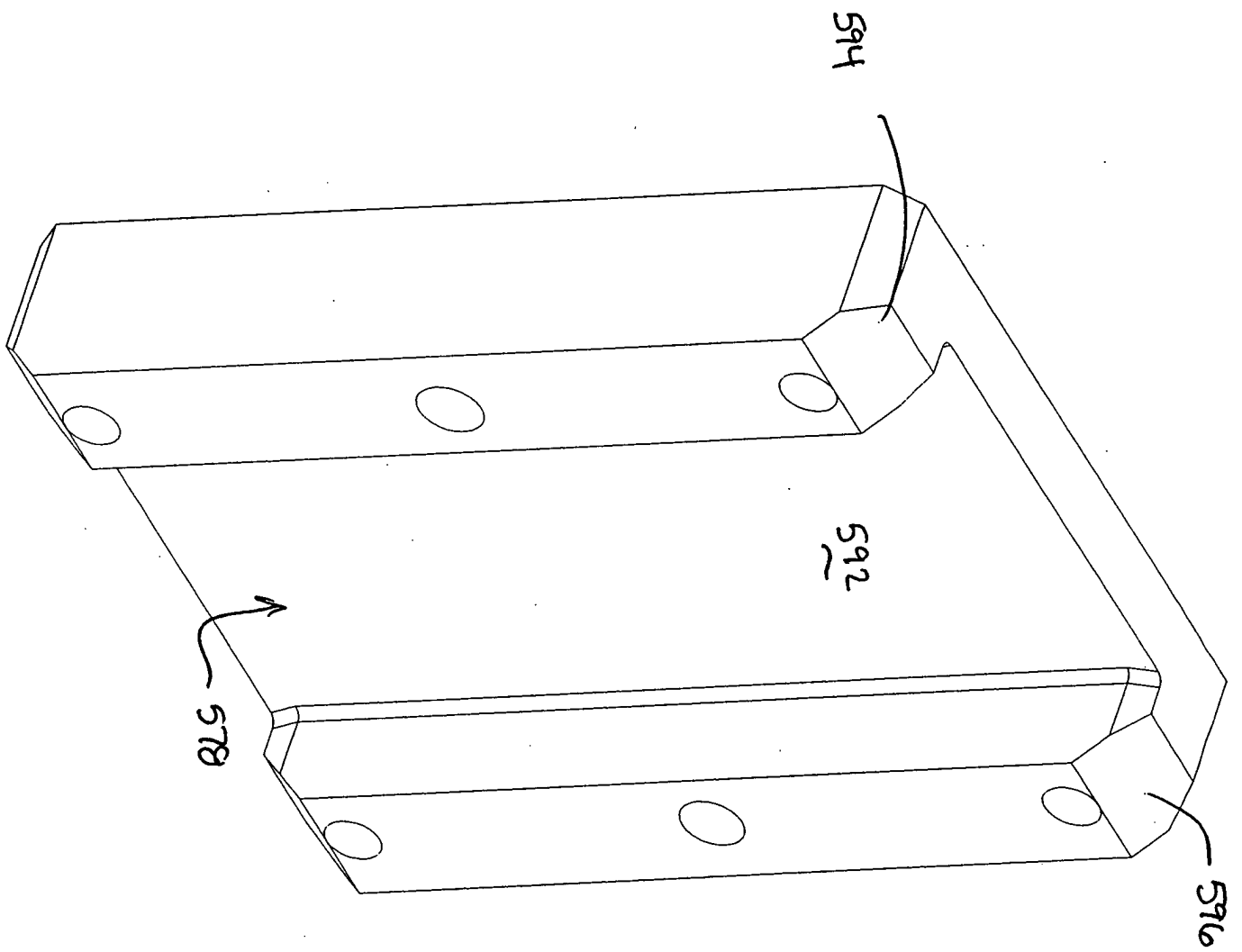


FIG. 75

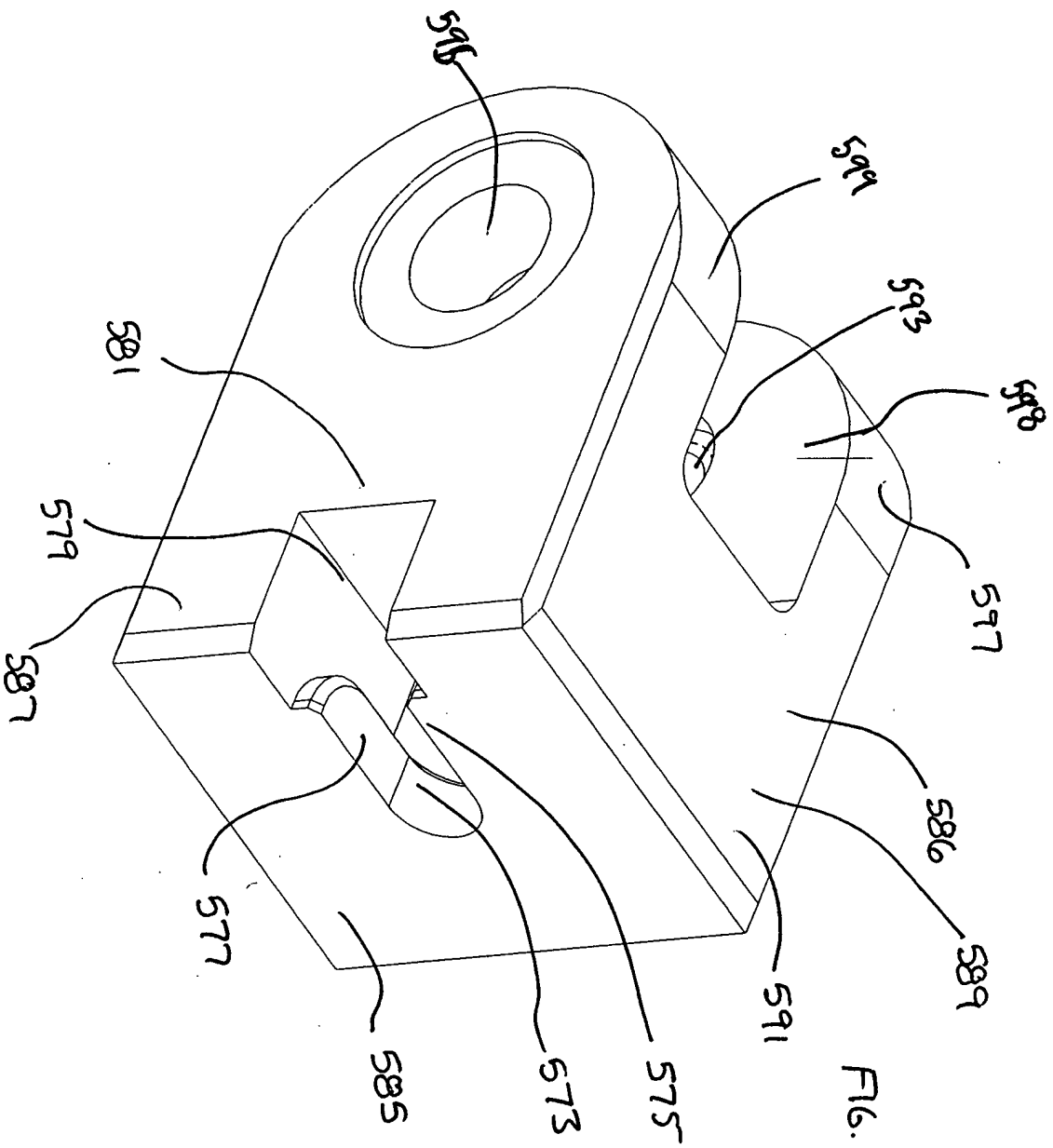


FIG. 76

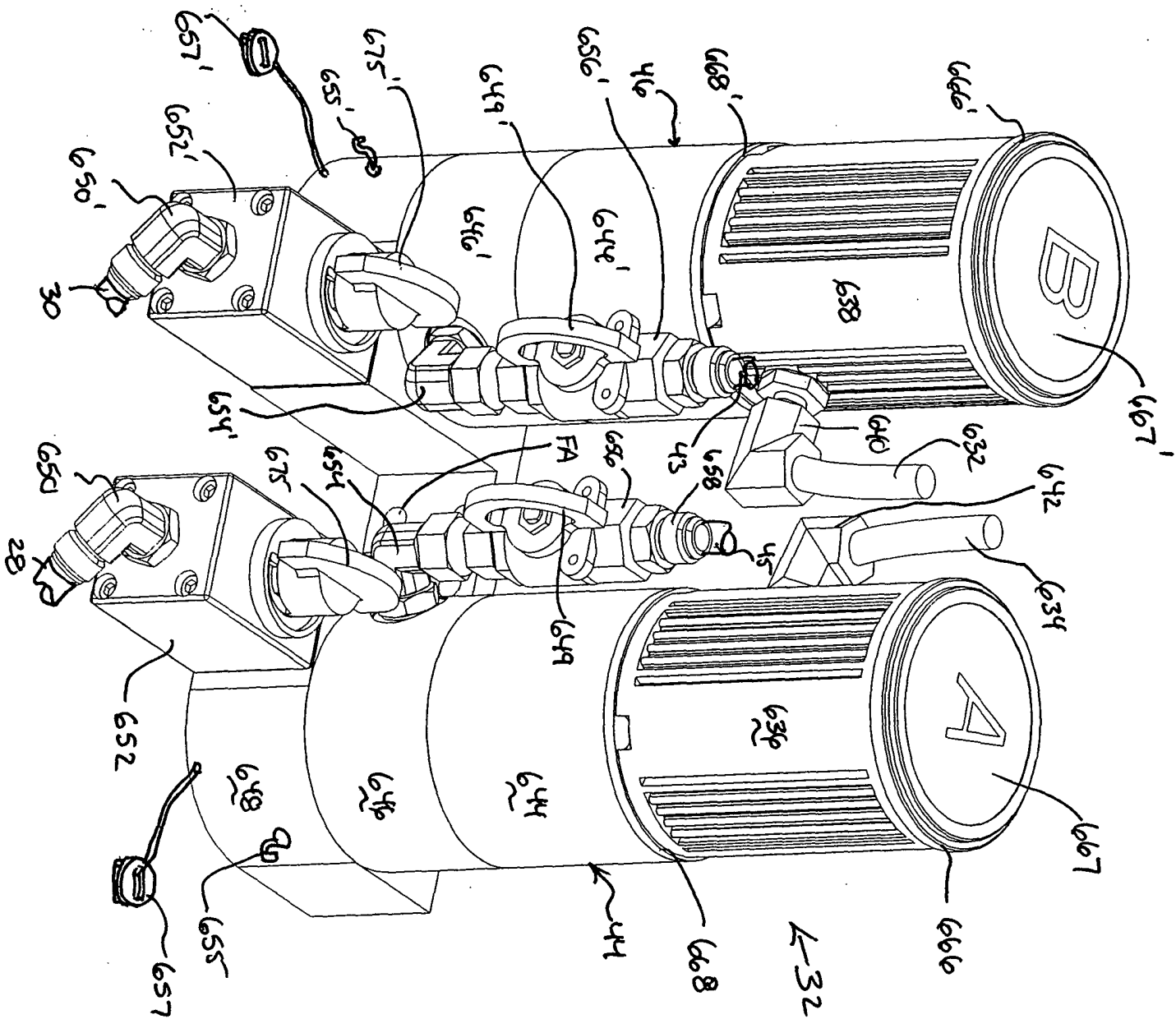


FIG. 77

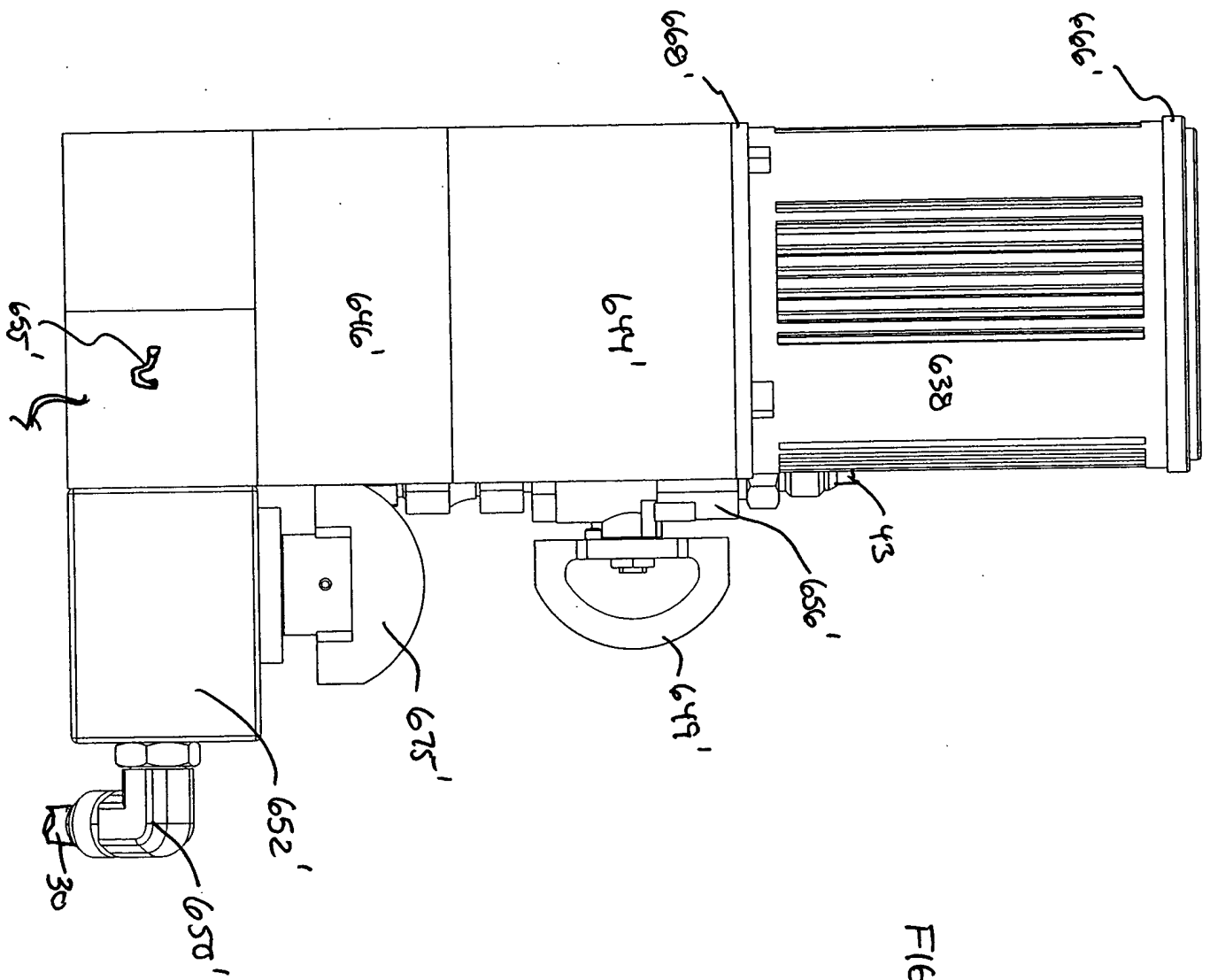


FIG. 77A

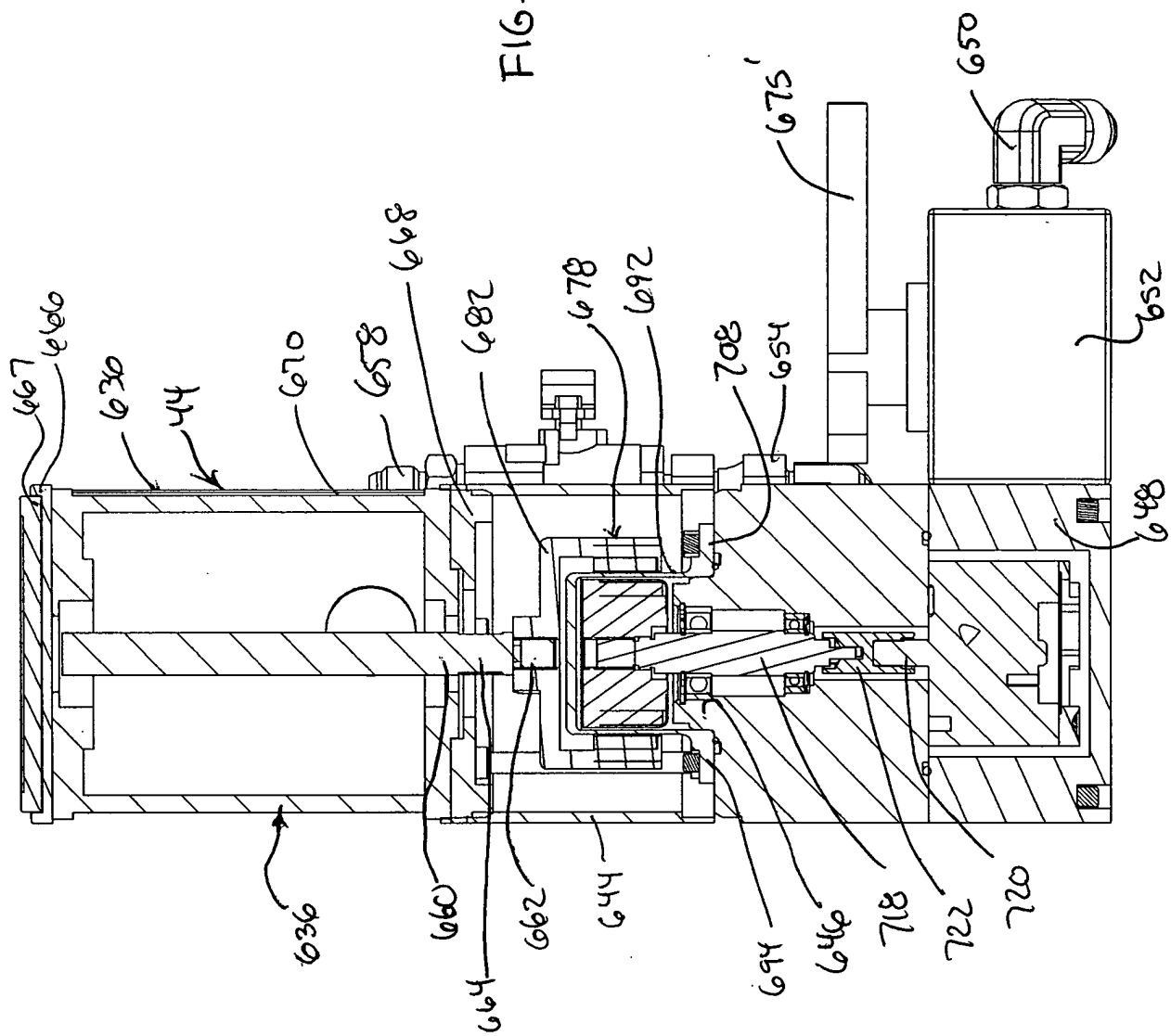


Fig. 78

FIG. 79

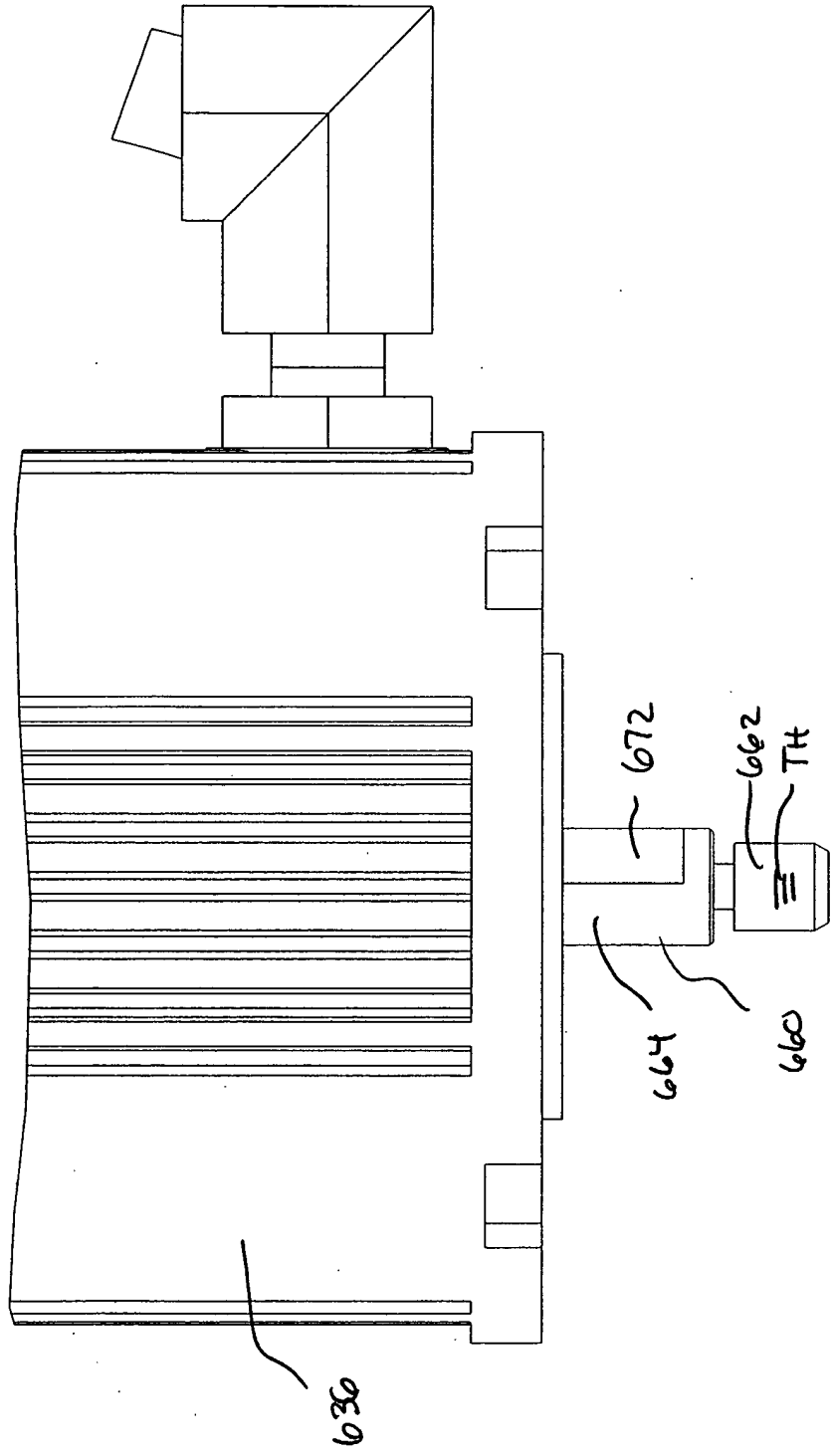
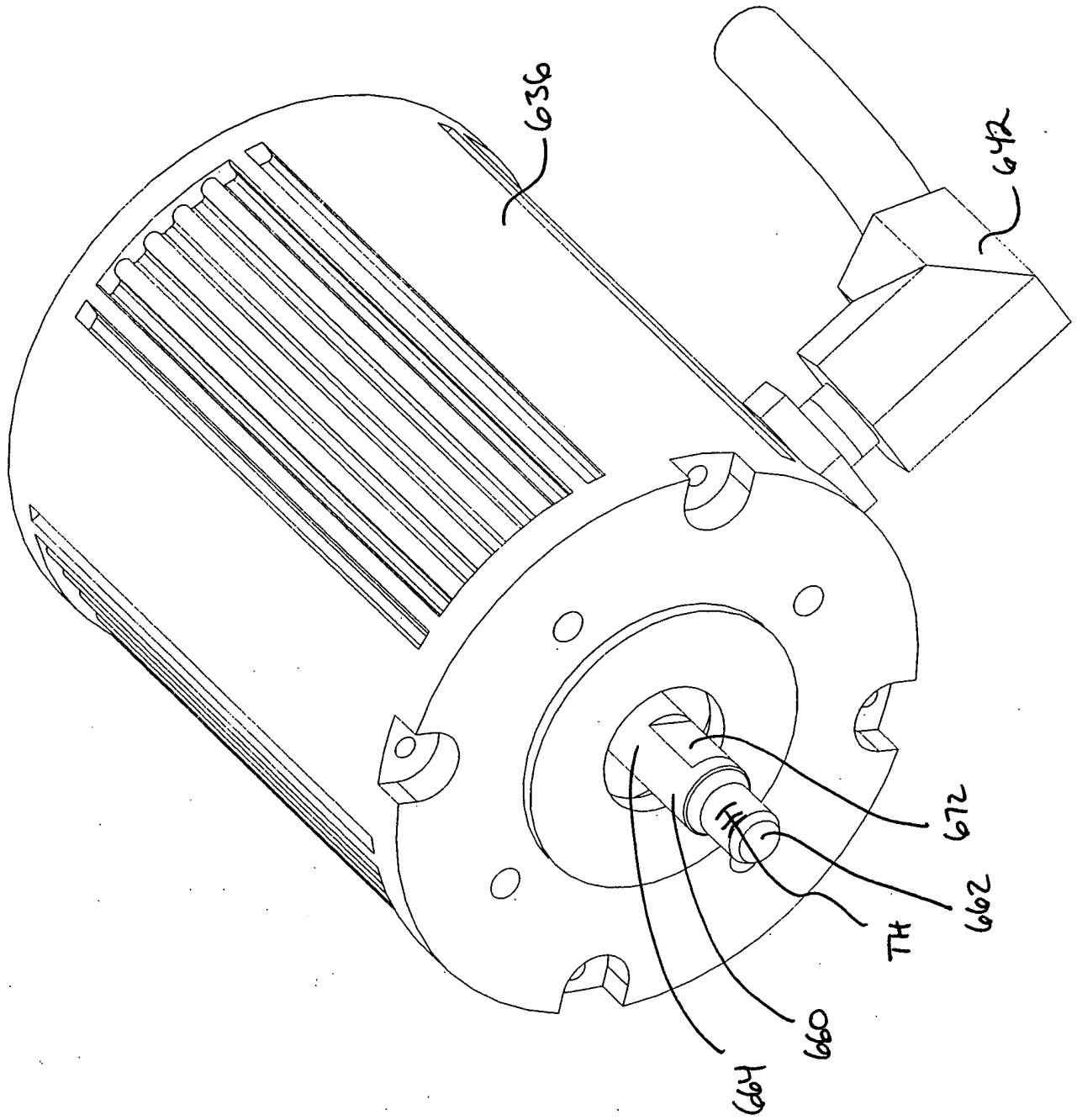


FIG. 80



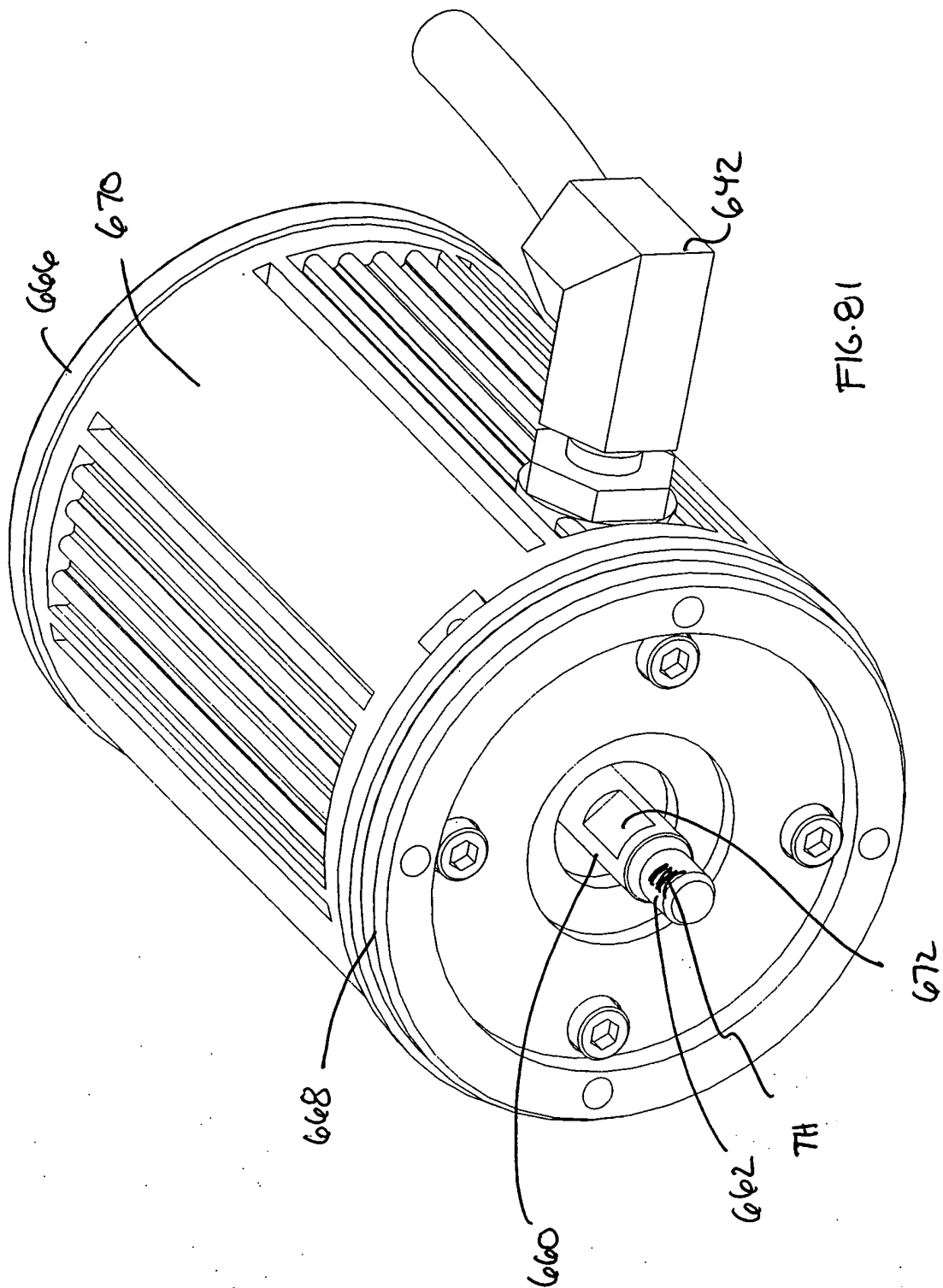


FIG. 81

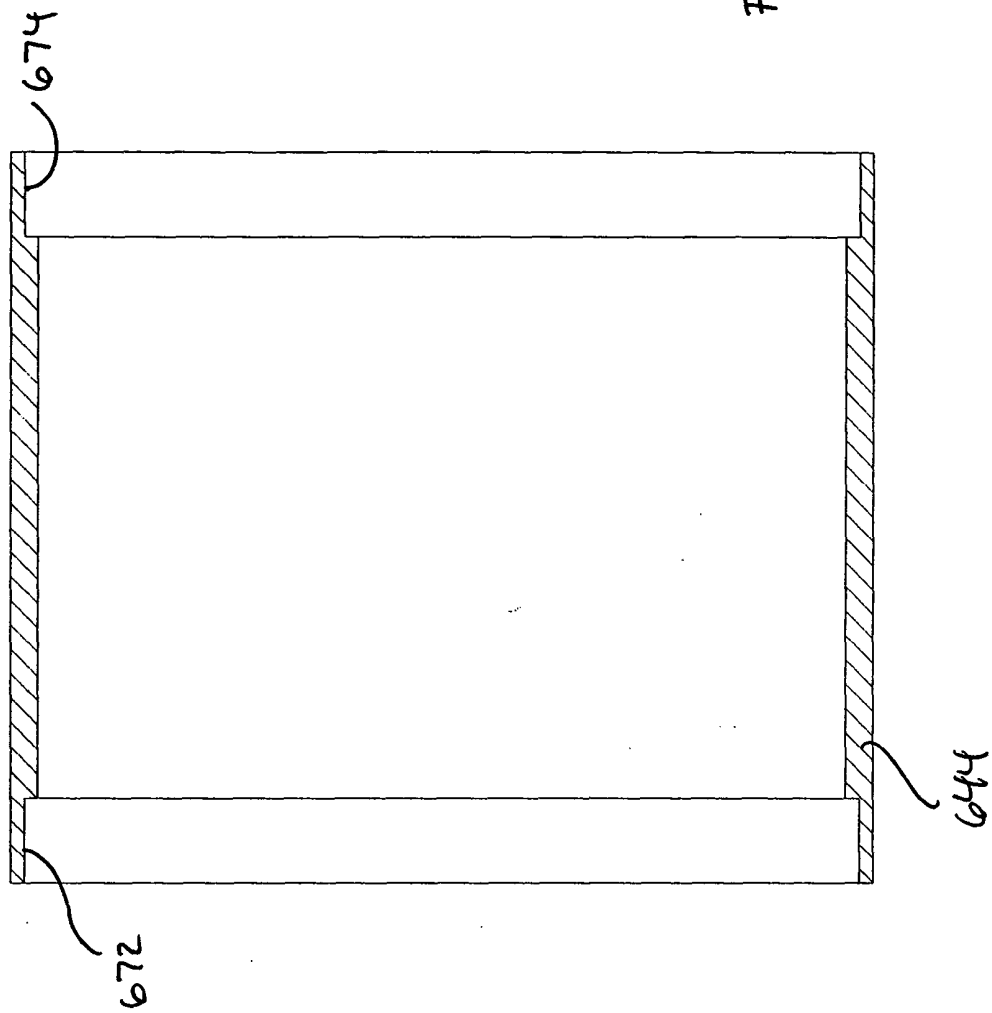


FIG. 82

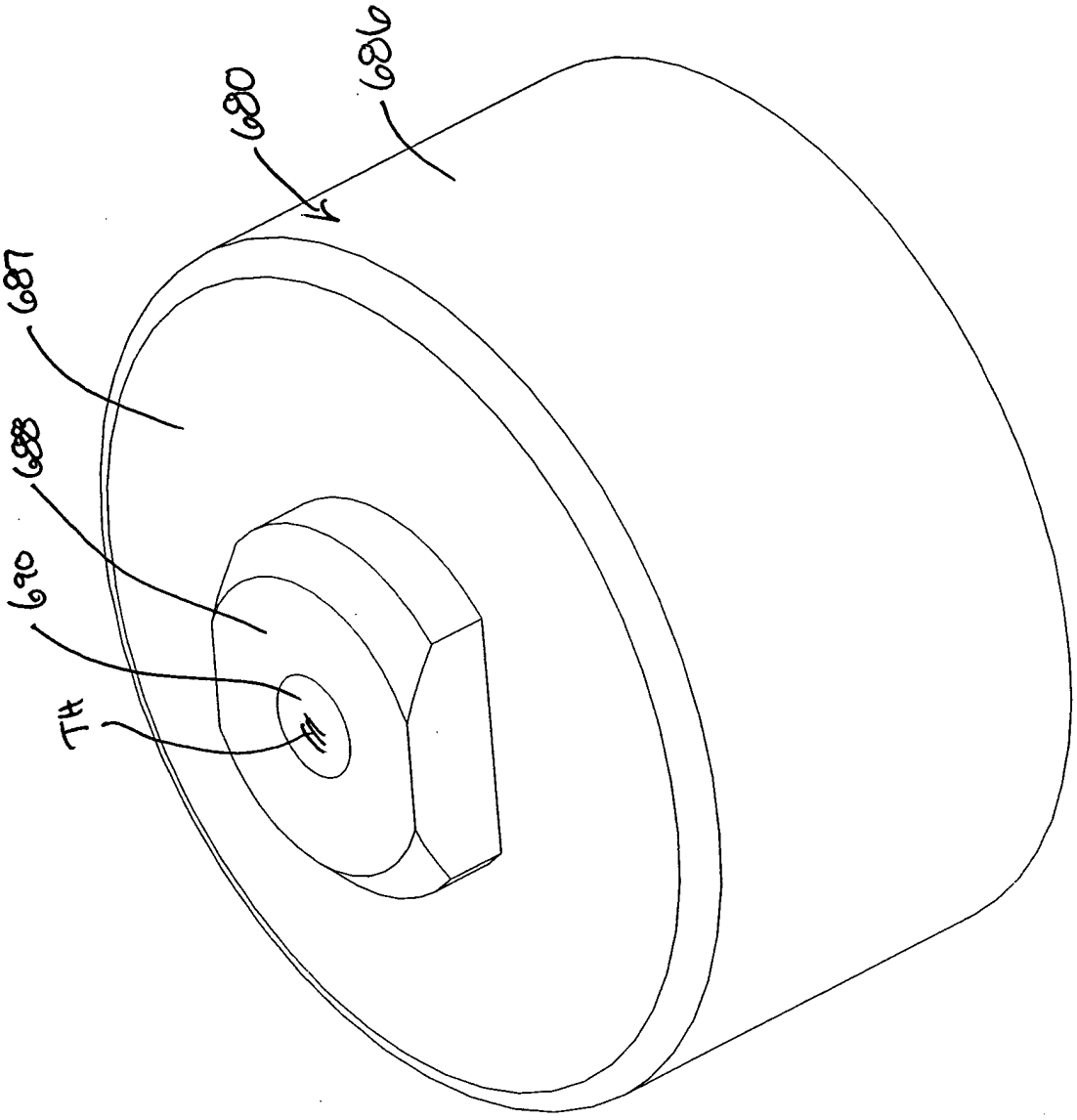


FIG. 84

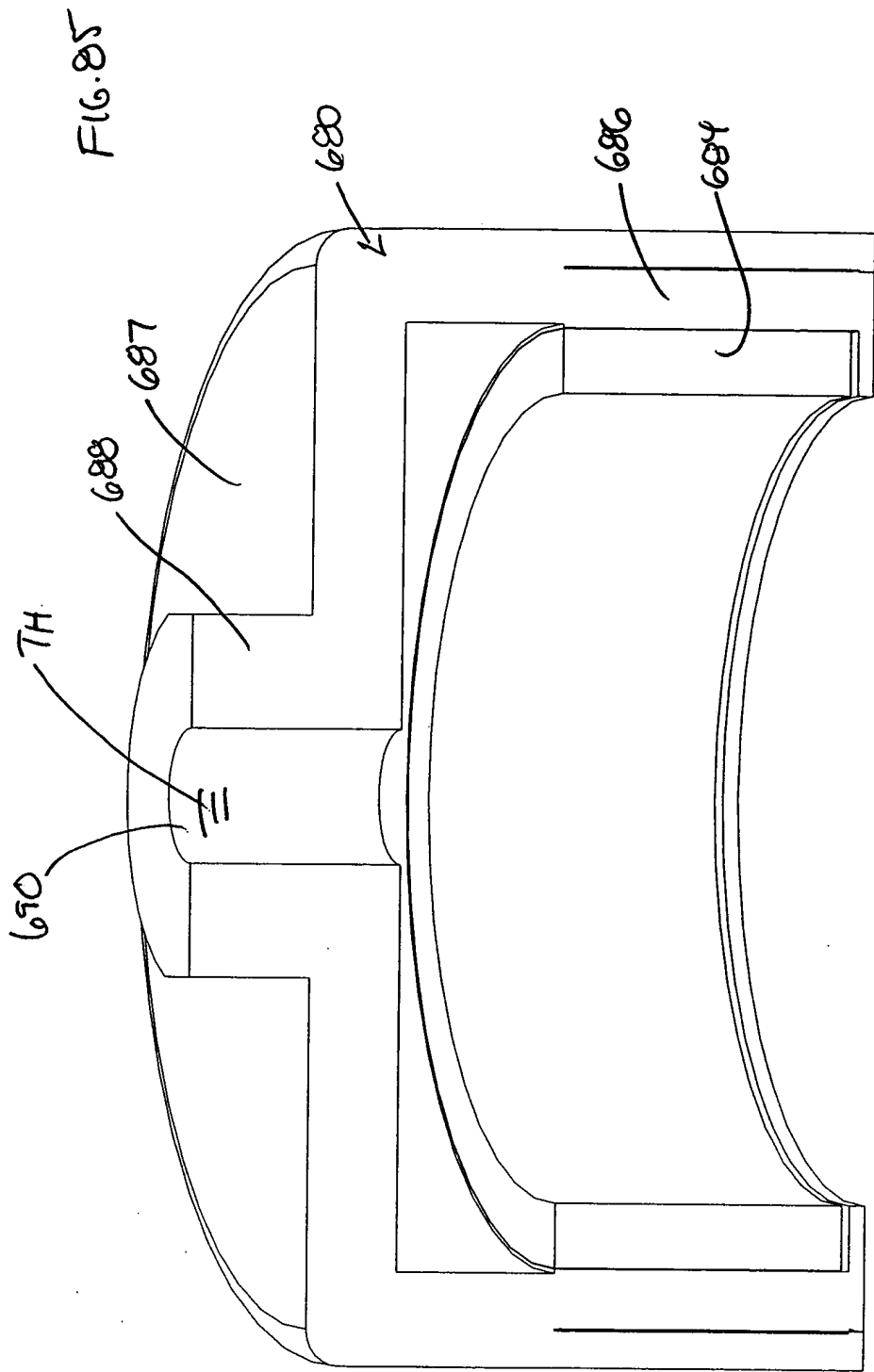


FIG. 86

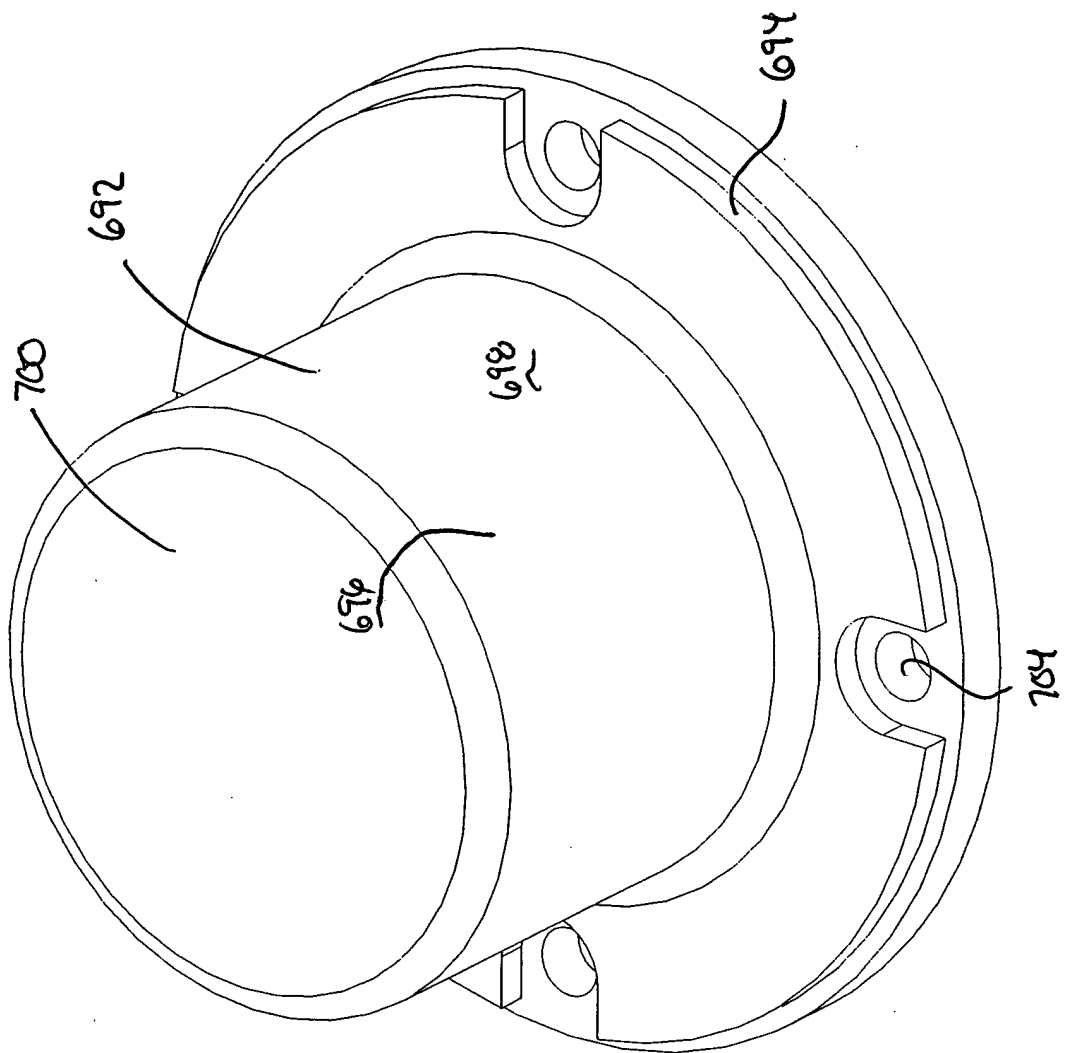
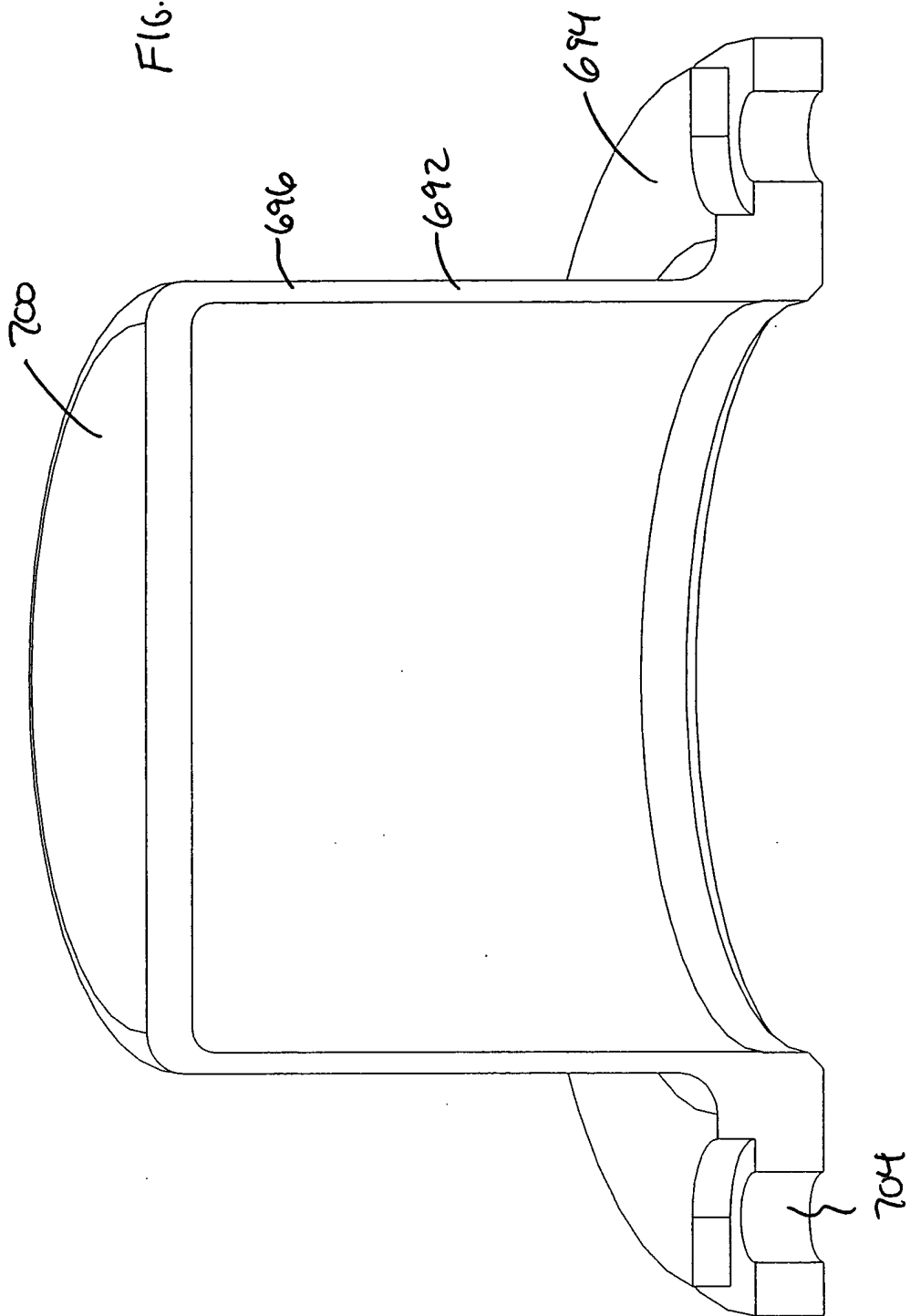
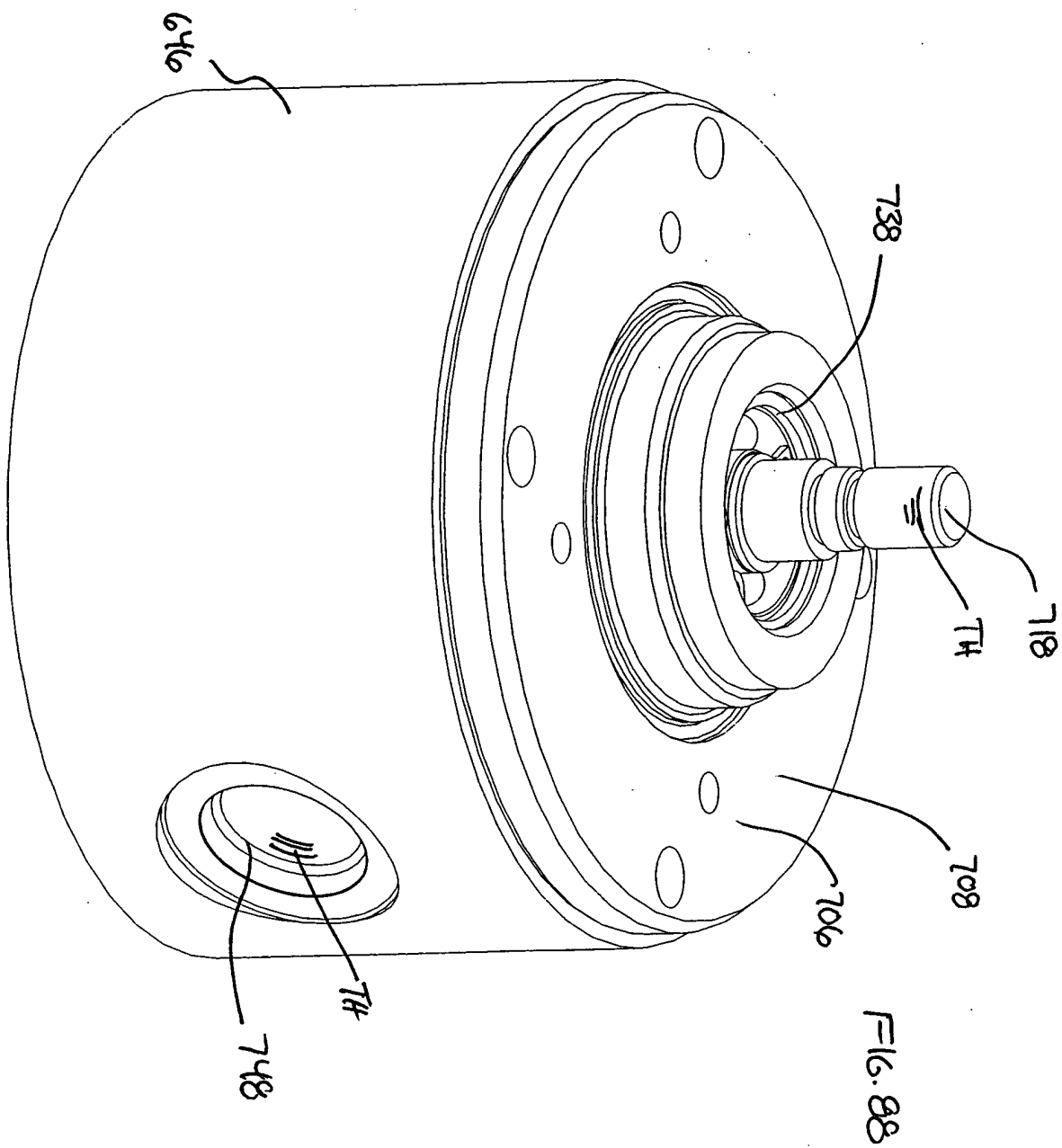


FIG. 87





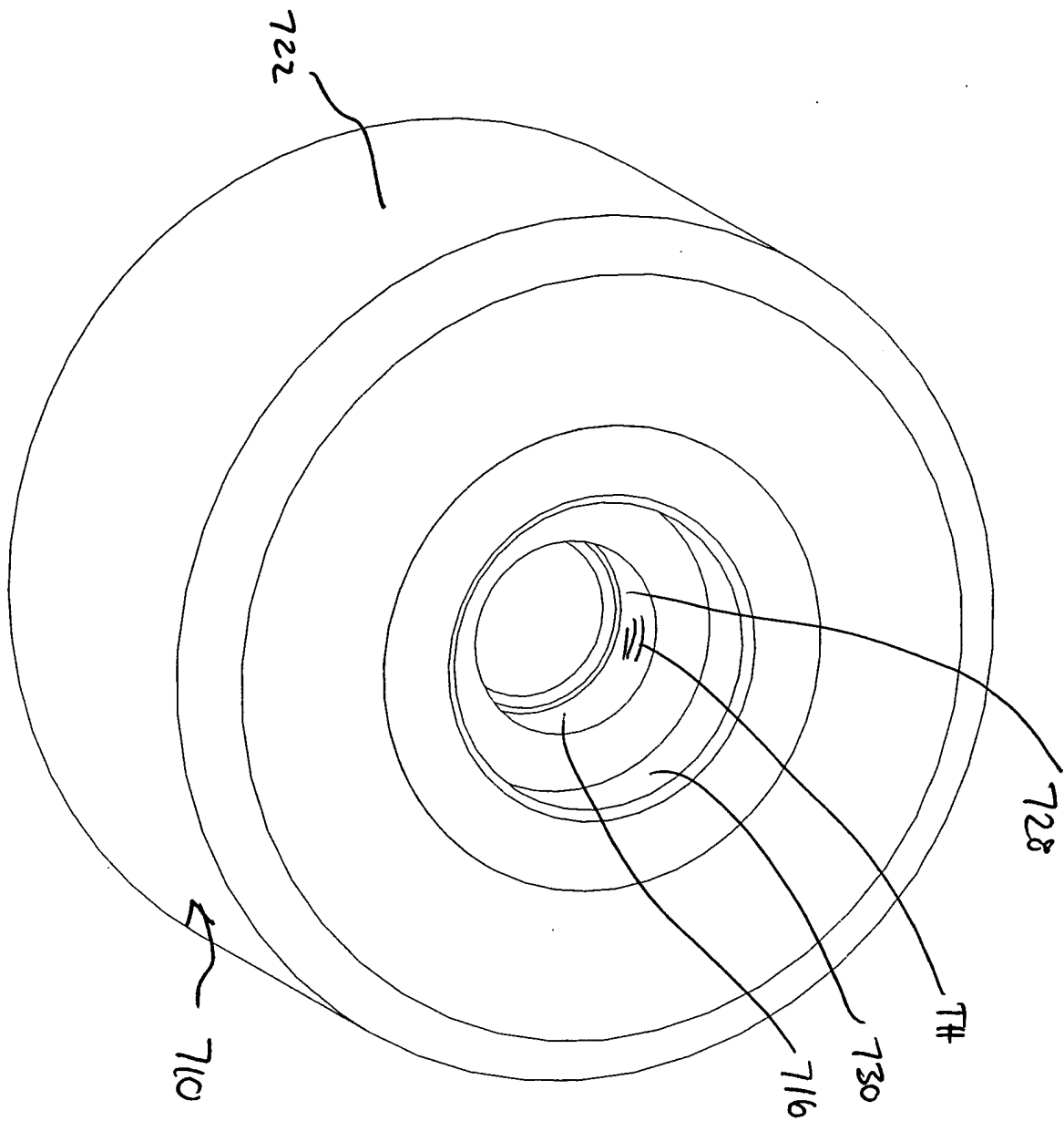


FIG. 89A

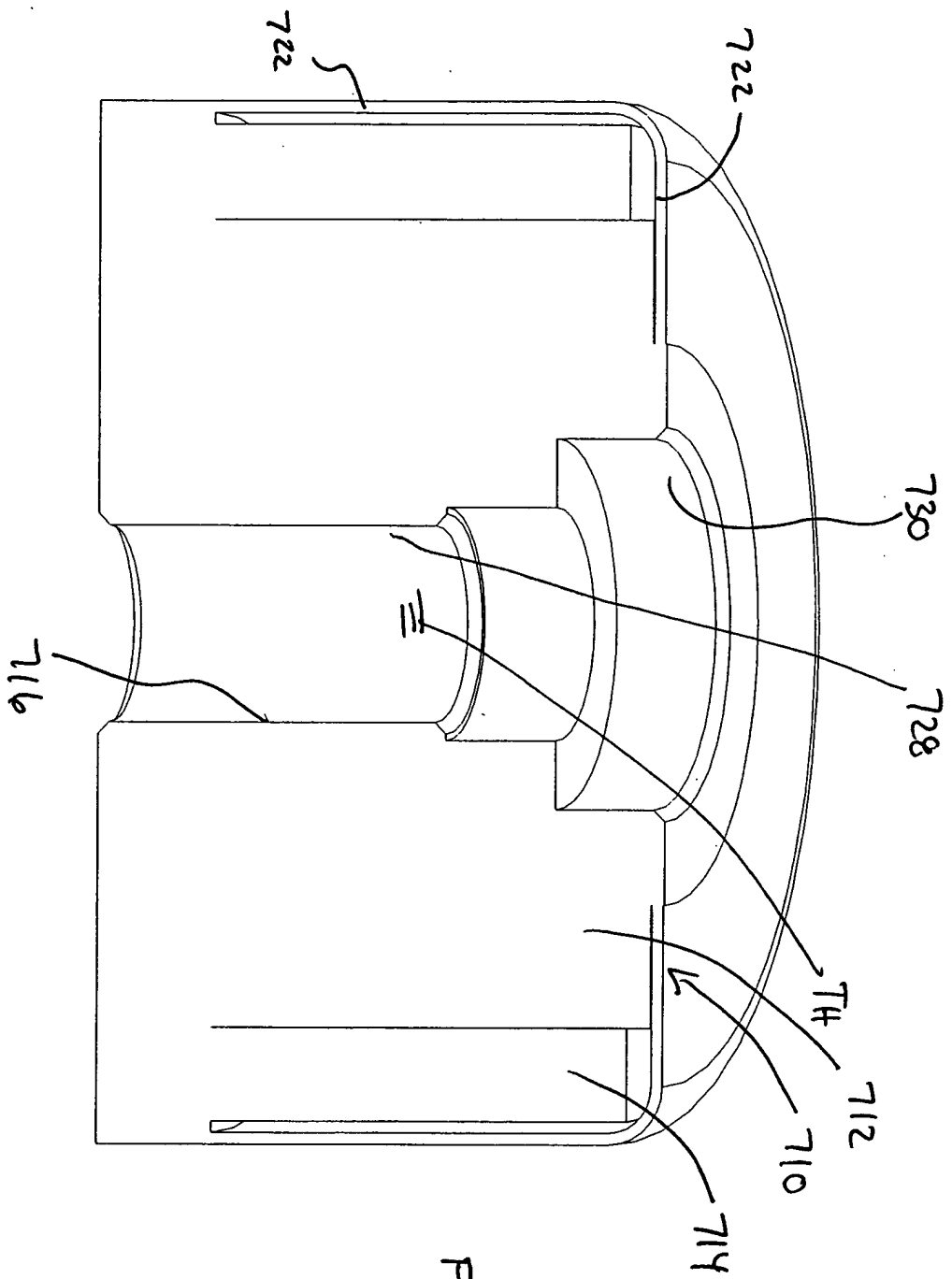


FIG. 813

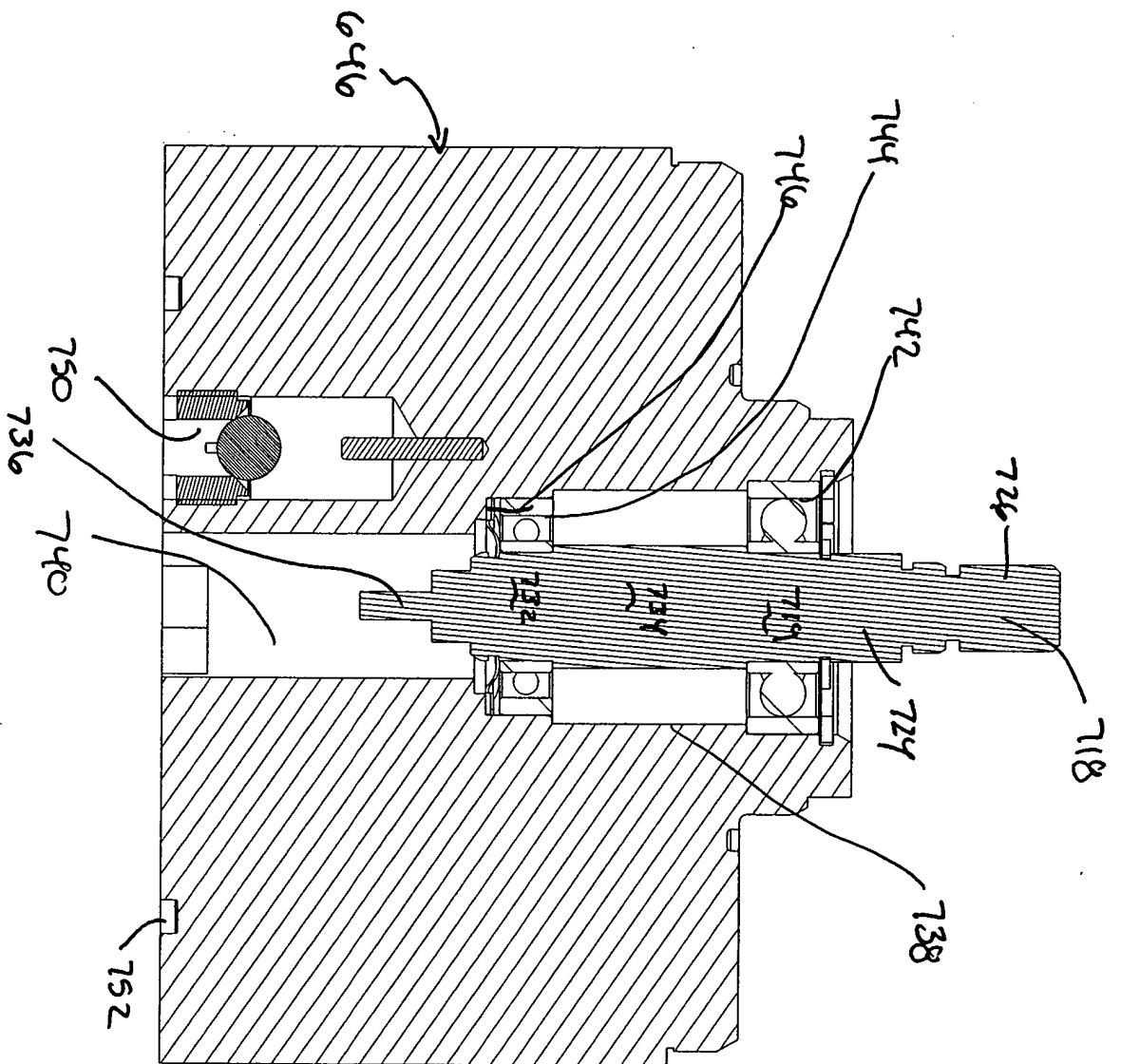


FIG. 90

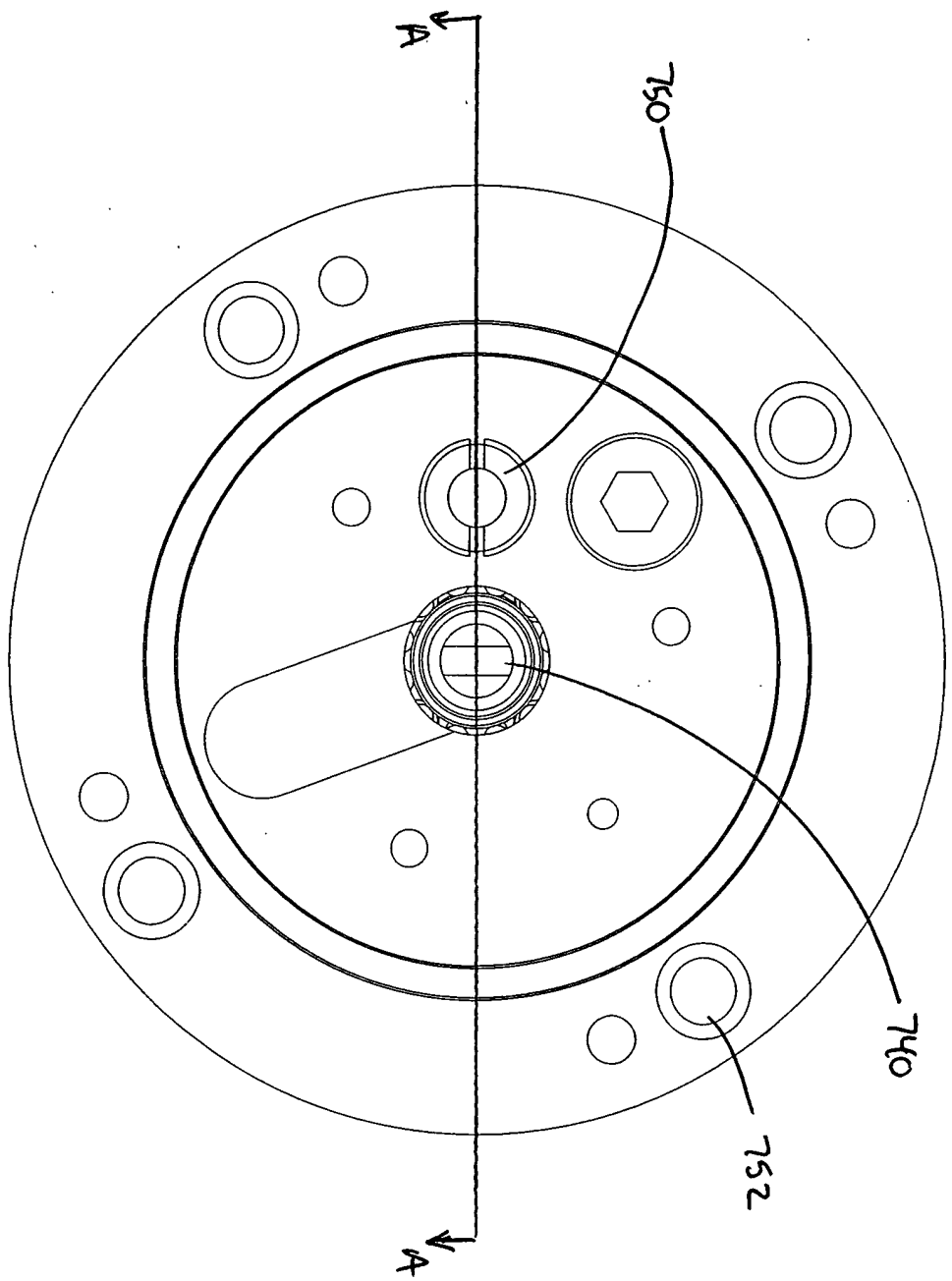


FIG. 91

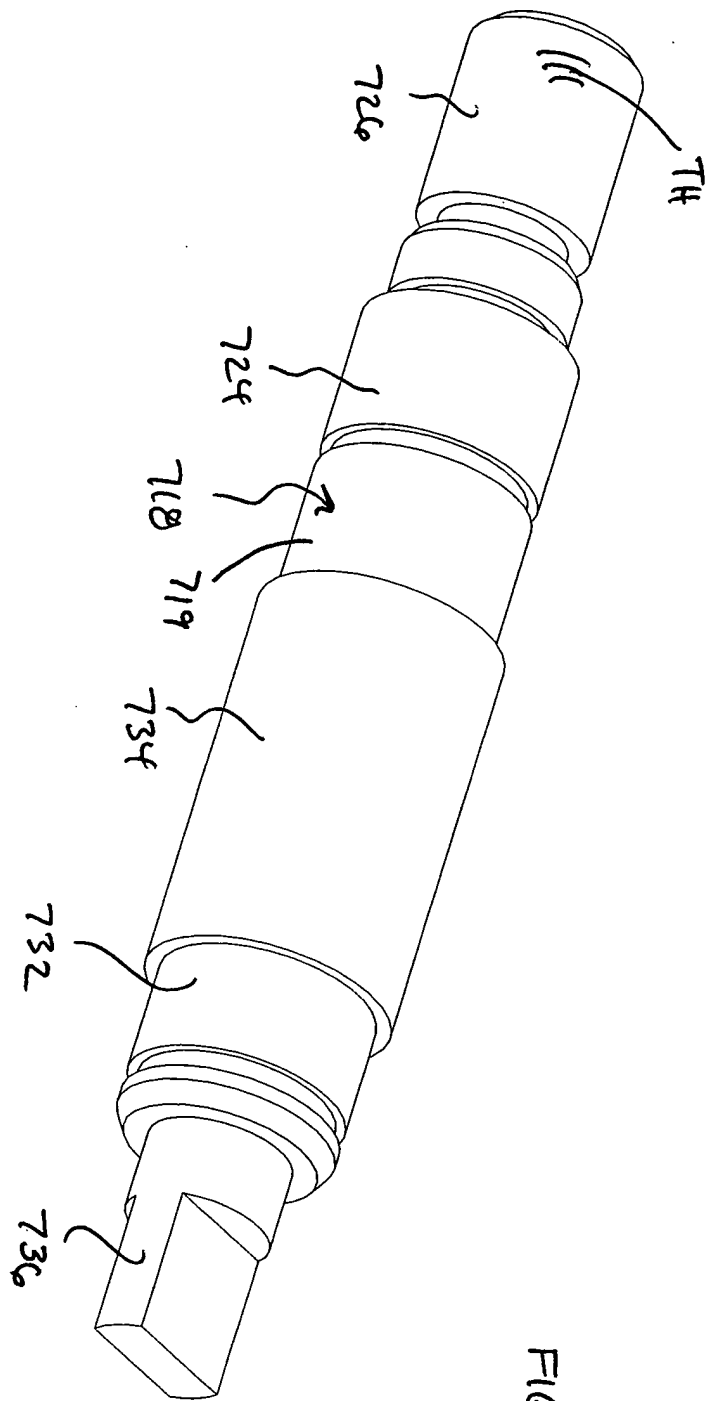


FIG. 92

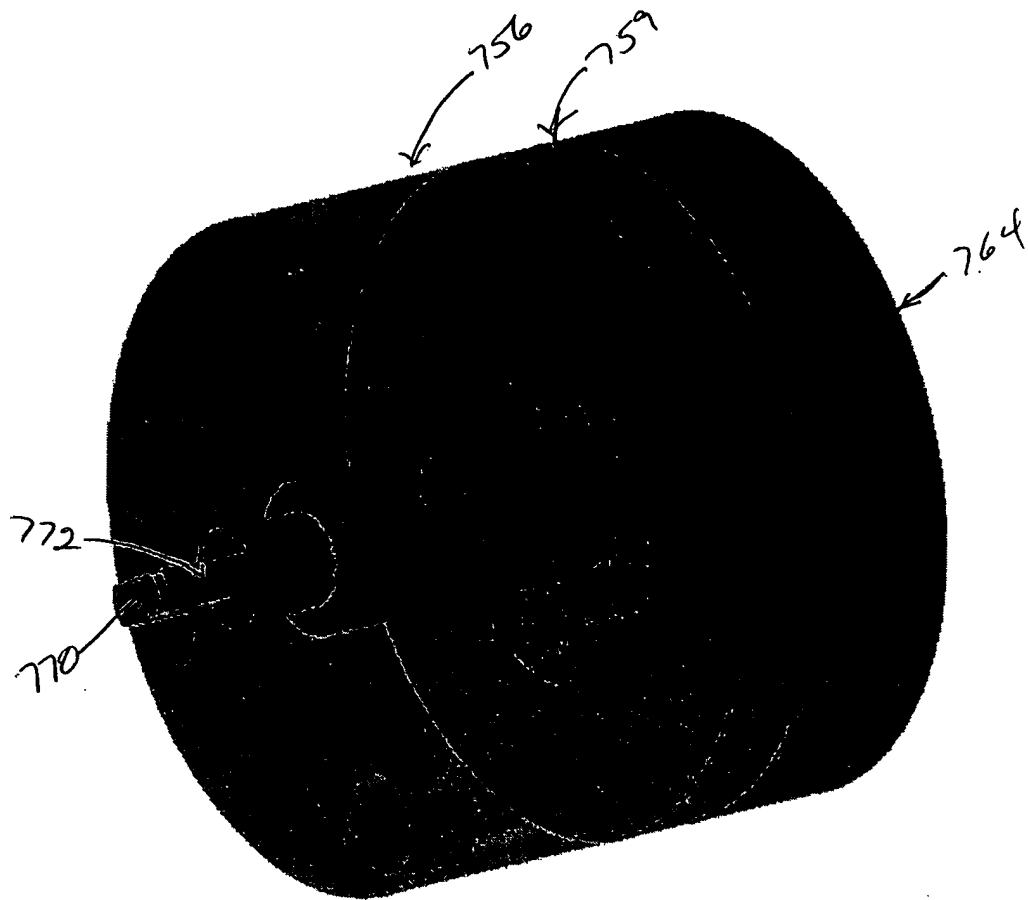


FIG. 93

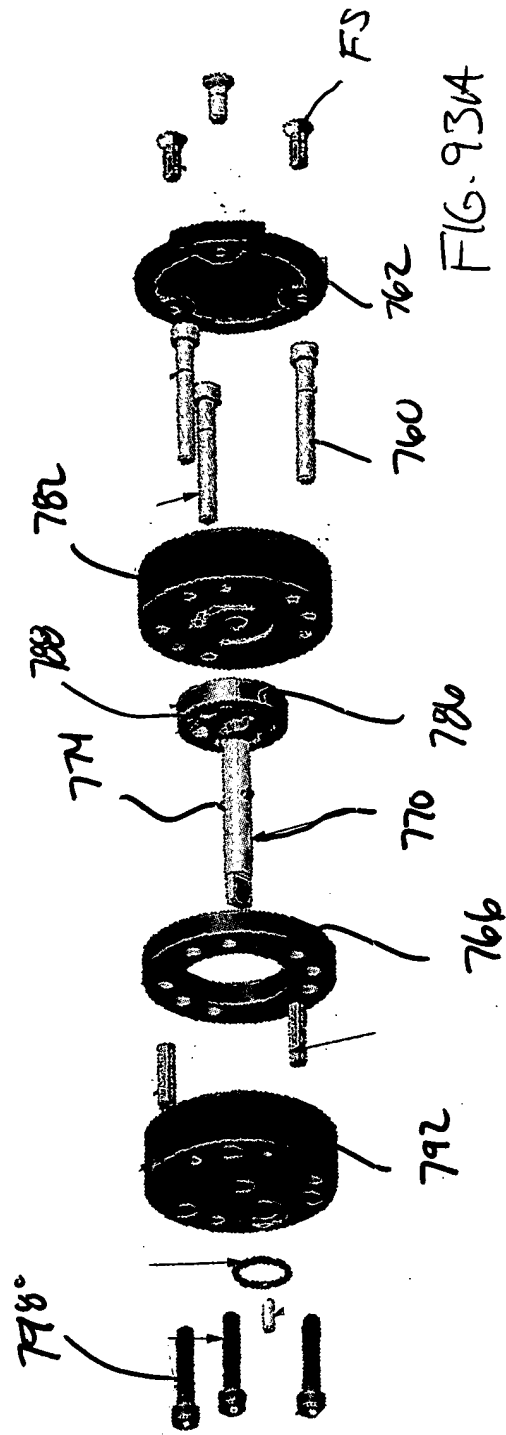
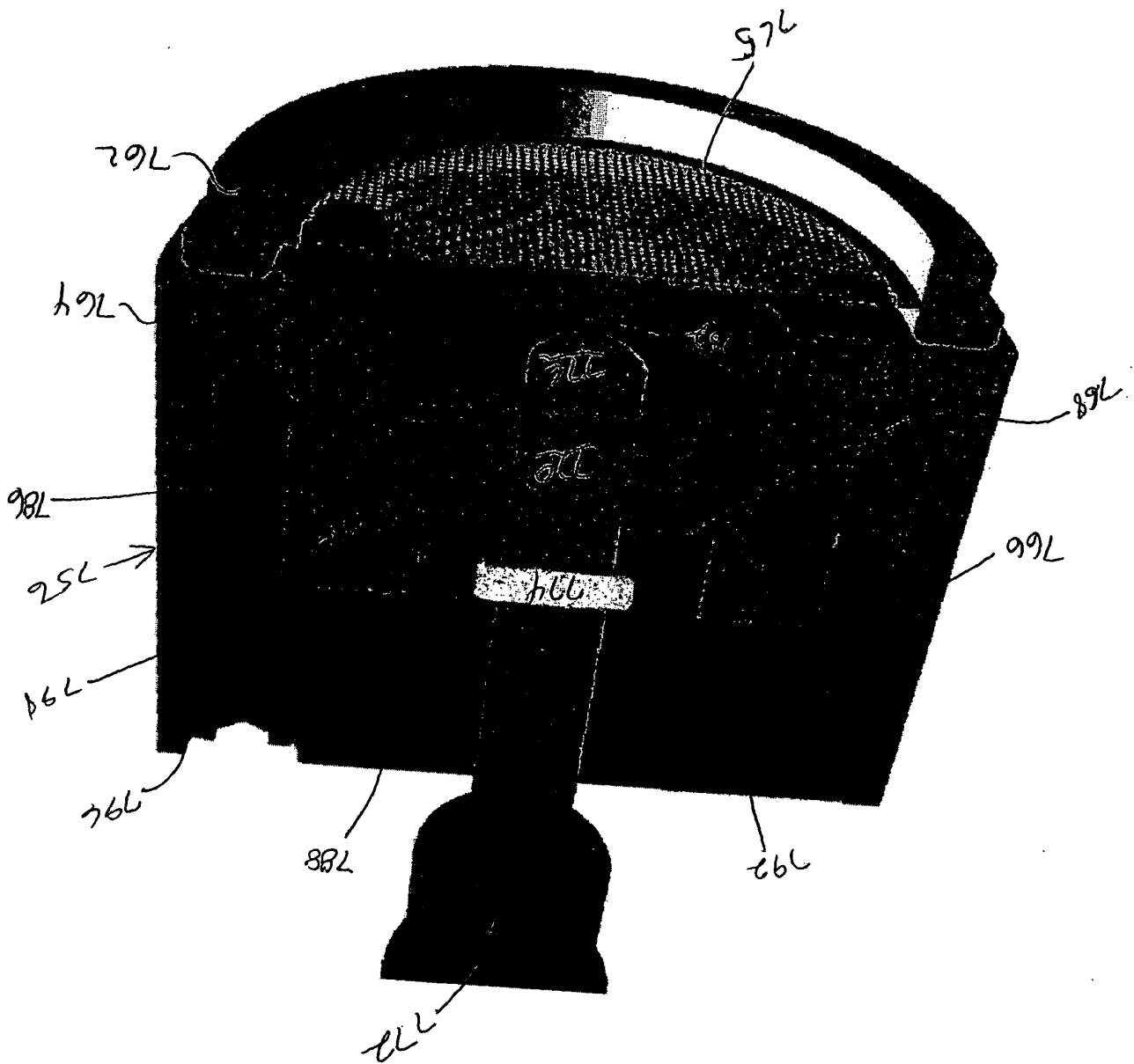
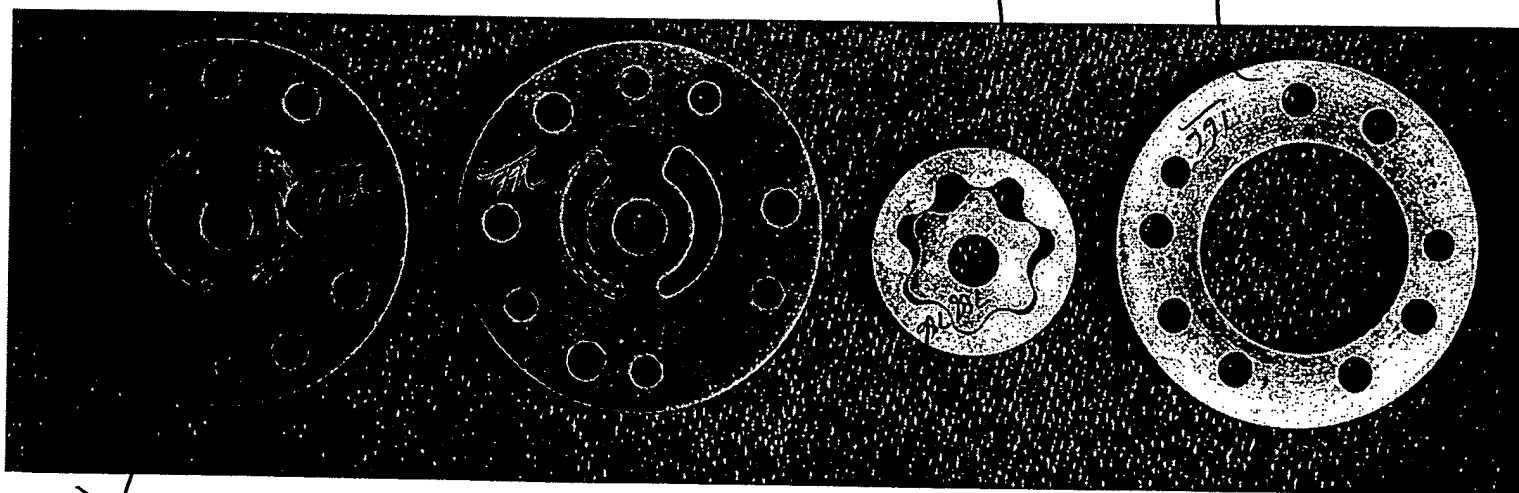


FIG. 93A

F16.94





89L

79L

794

Fig. 96

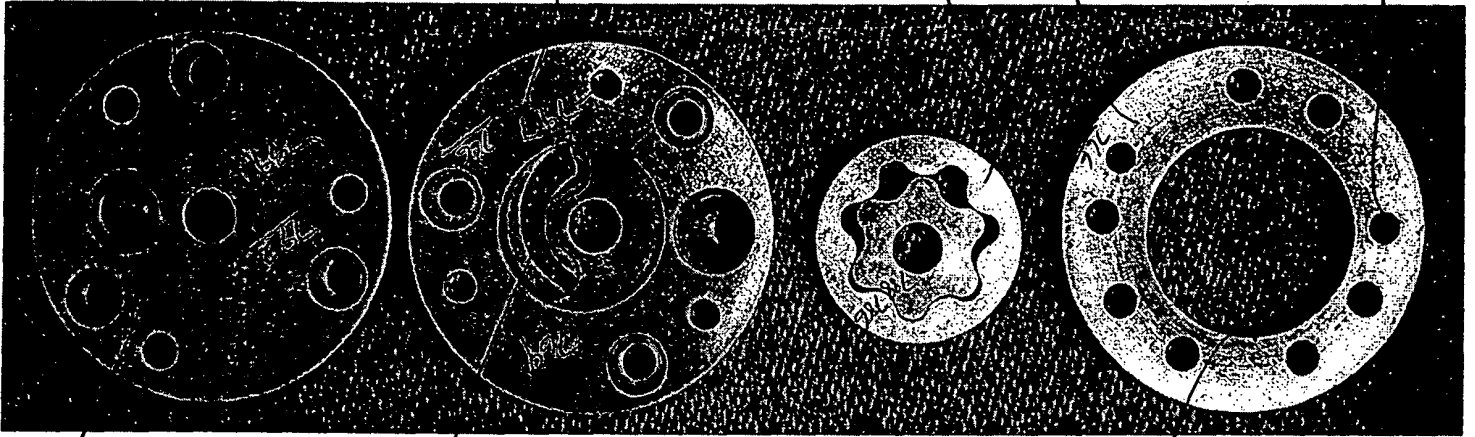
FIG. 97

782

768

774

797



784

784

790

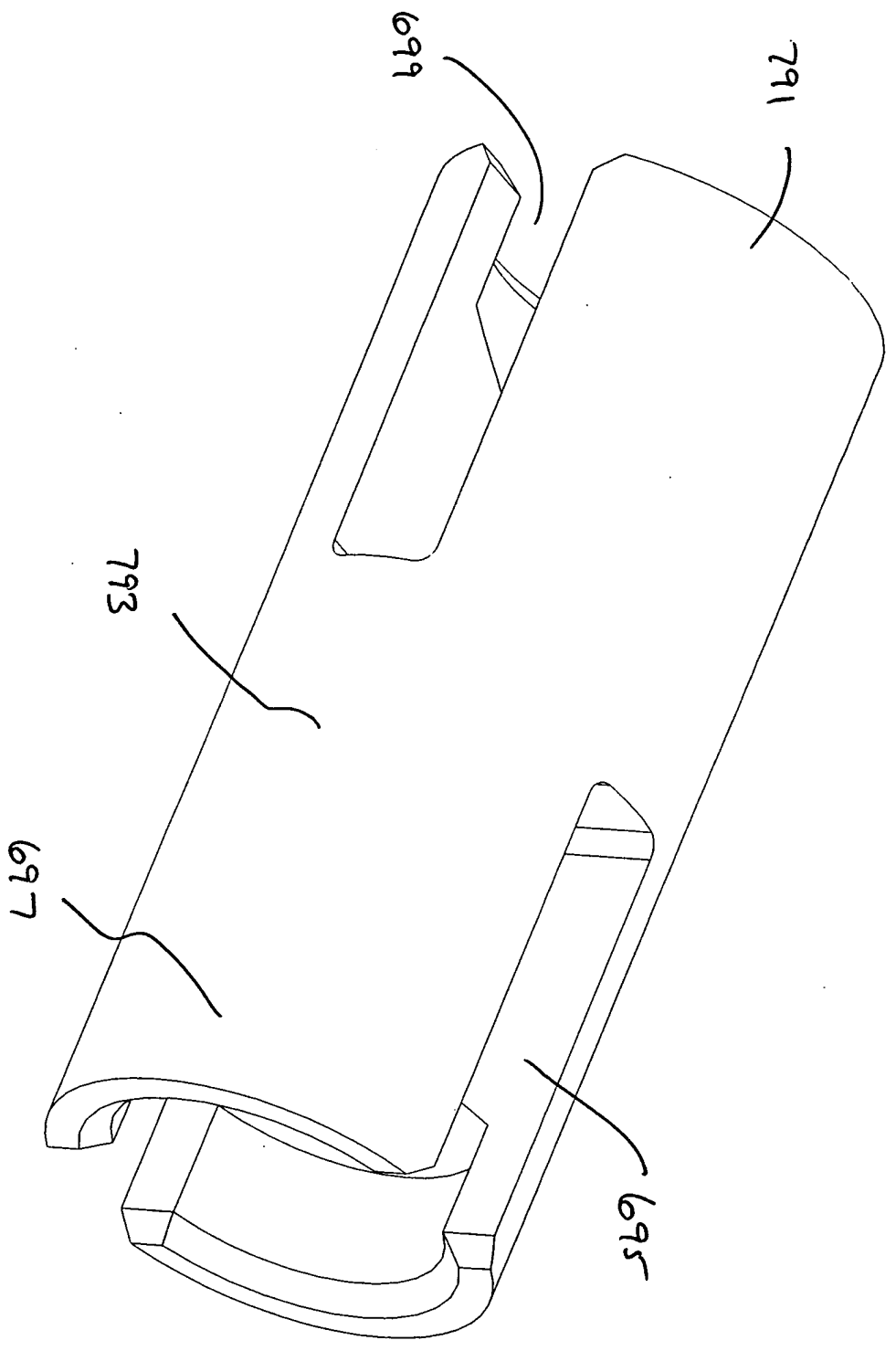


FIG. 78

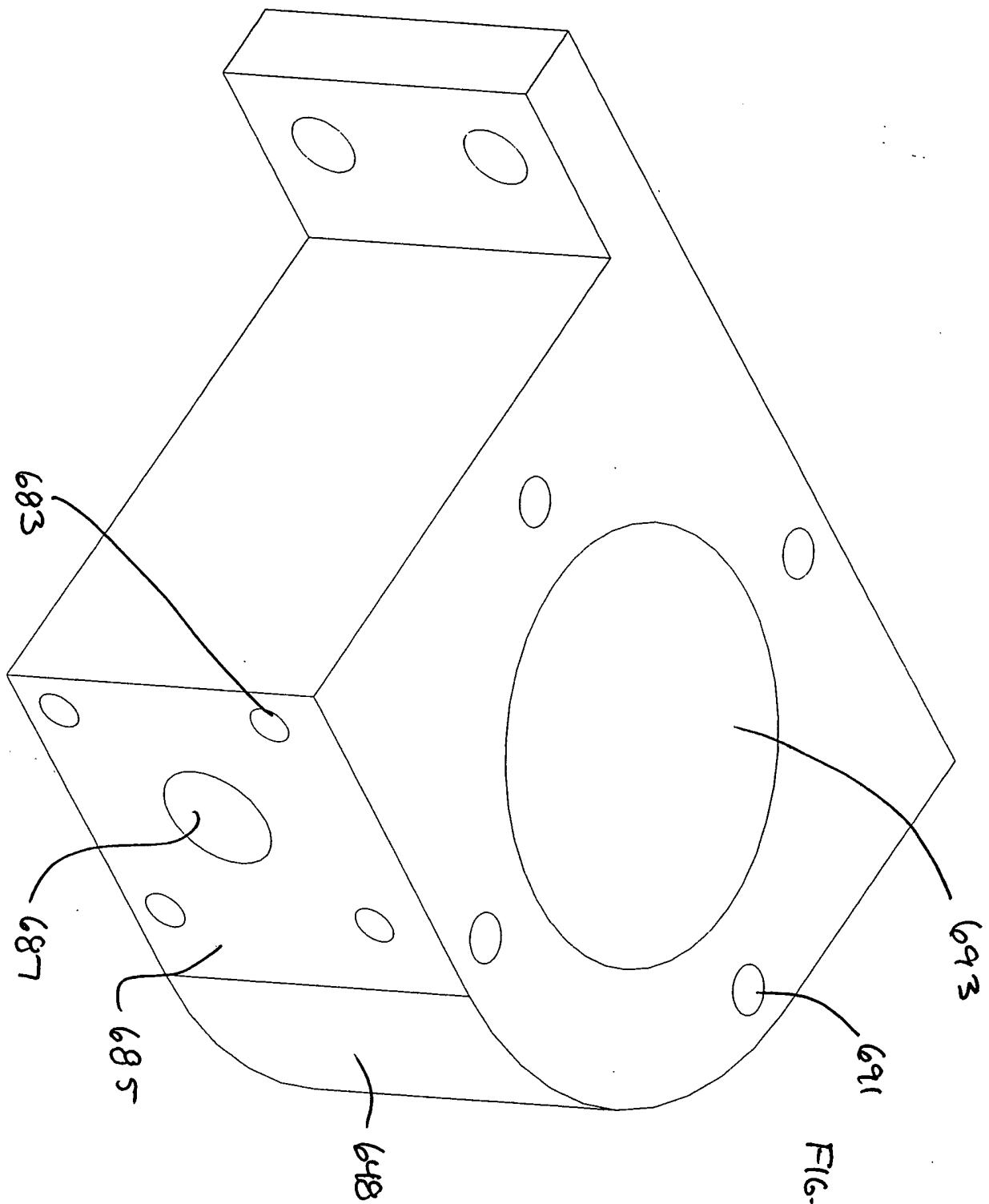


FIG. 99

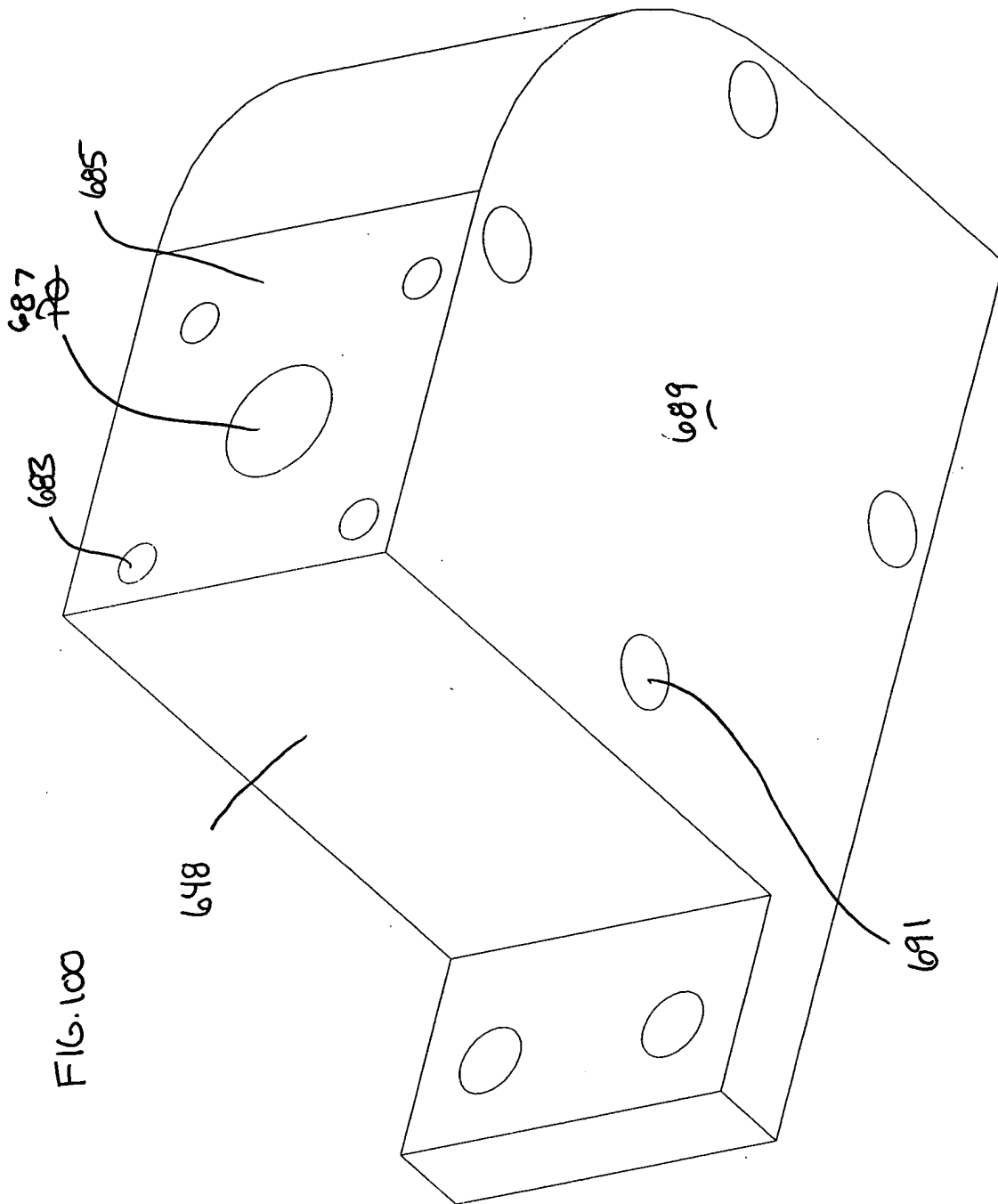
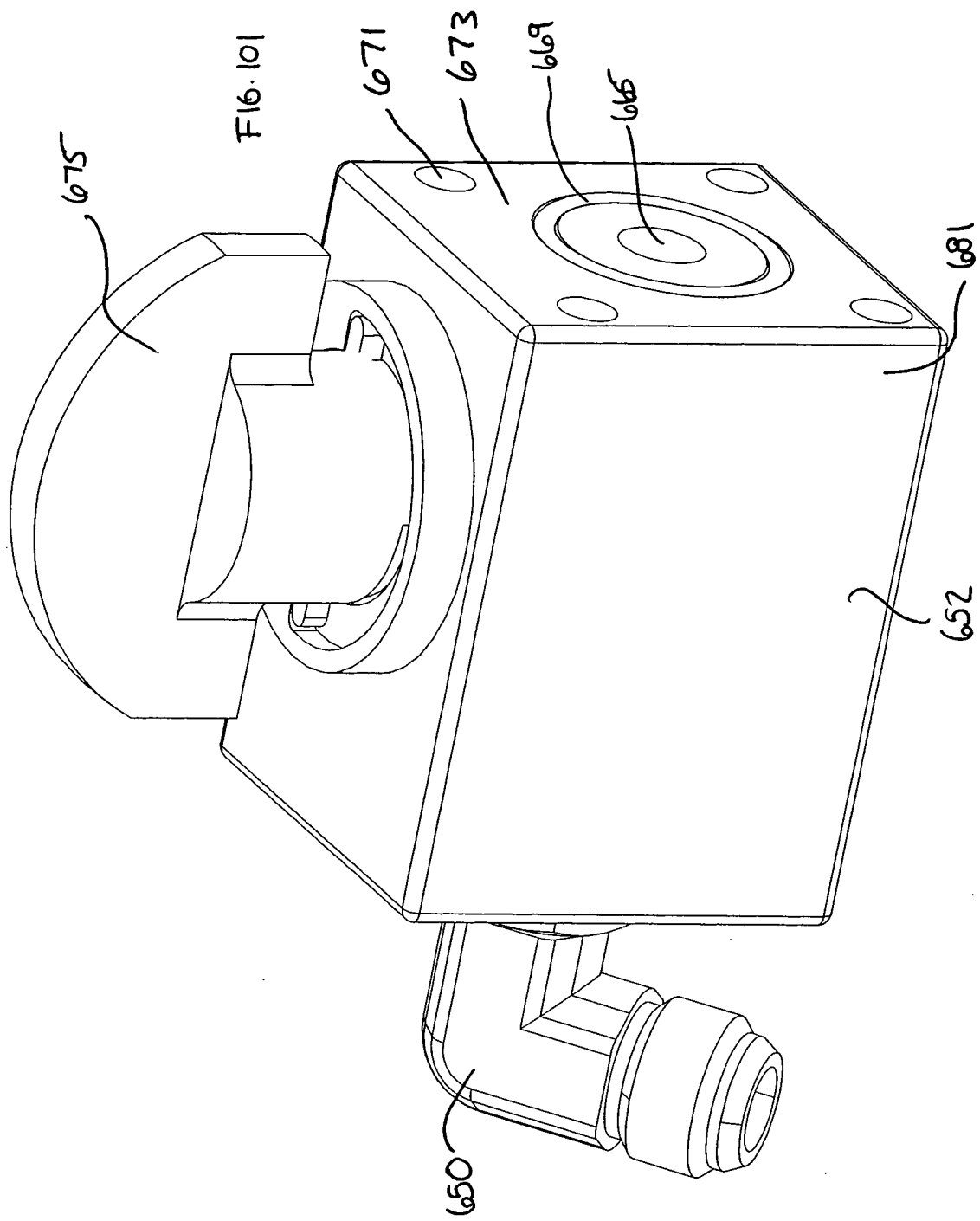


FIG. 100



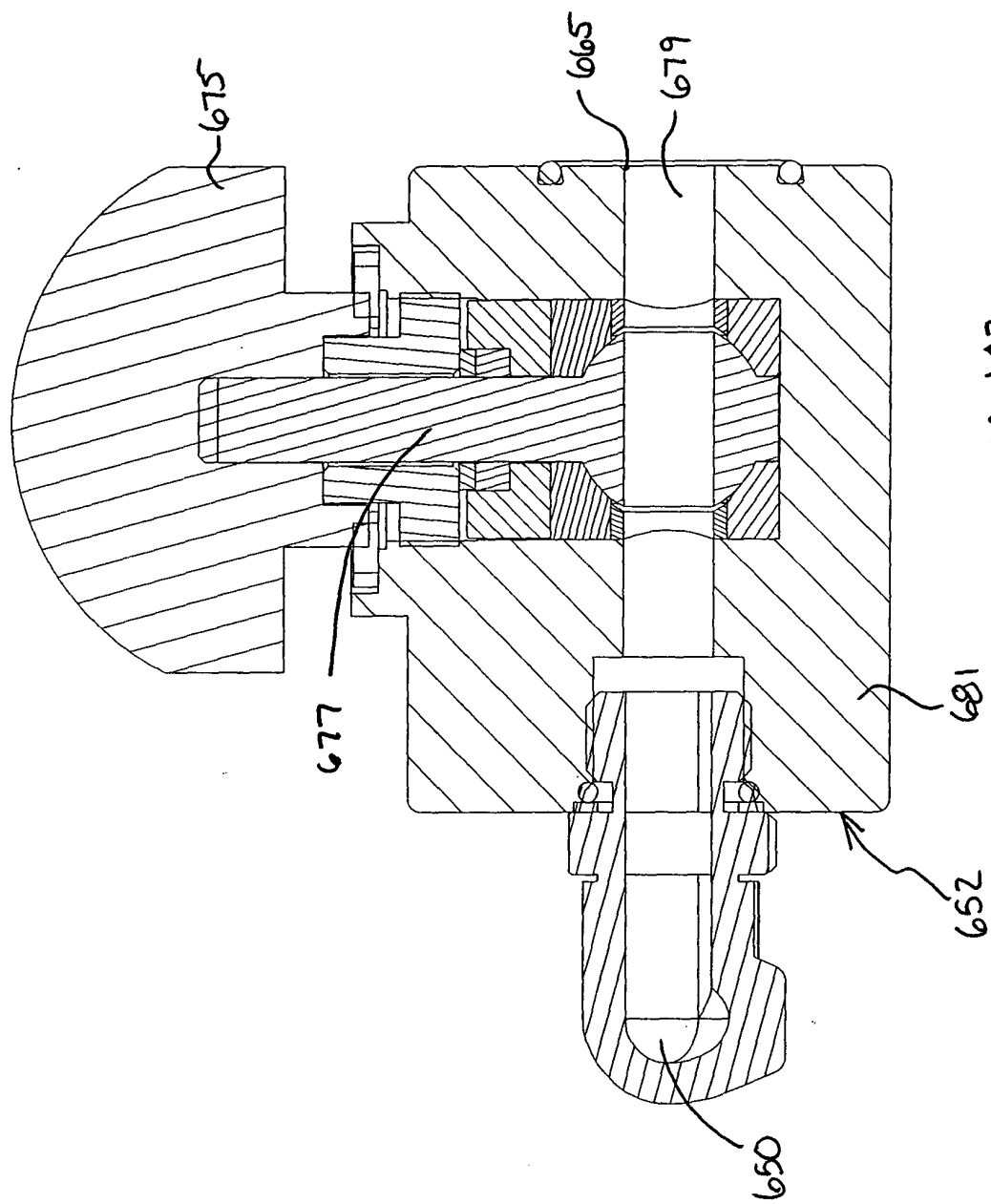
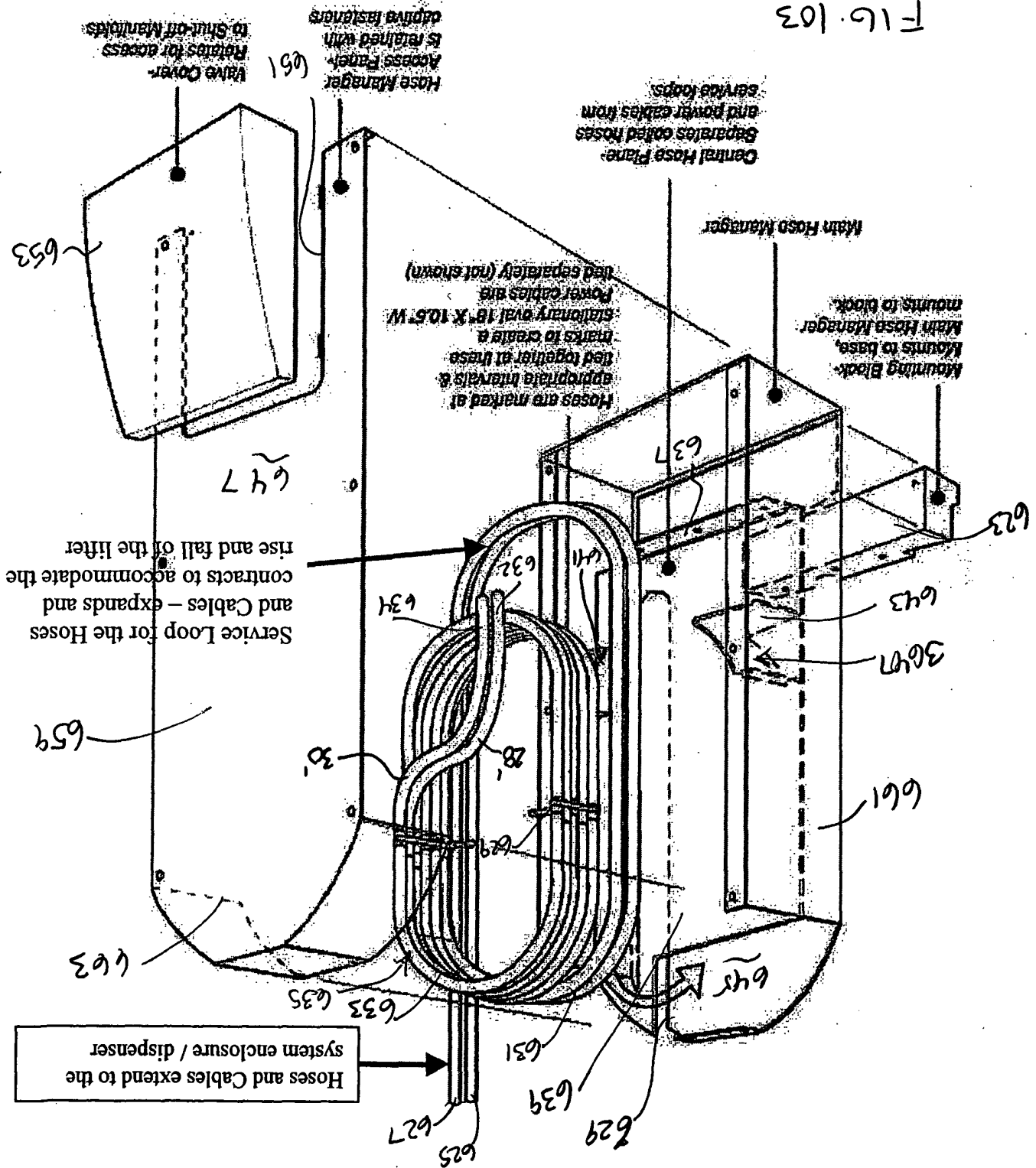


FIG. 102



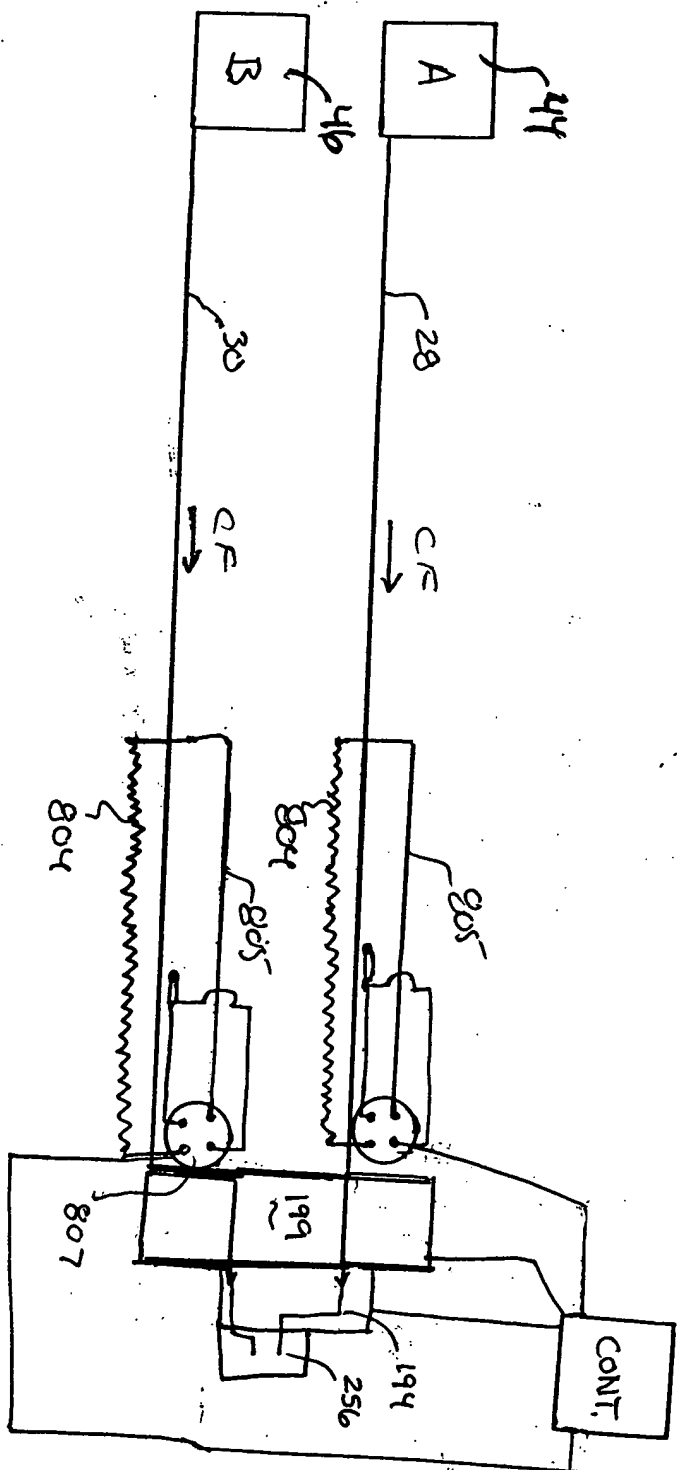


FIG. 104

FIG. 105

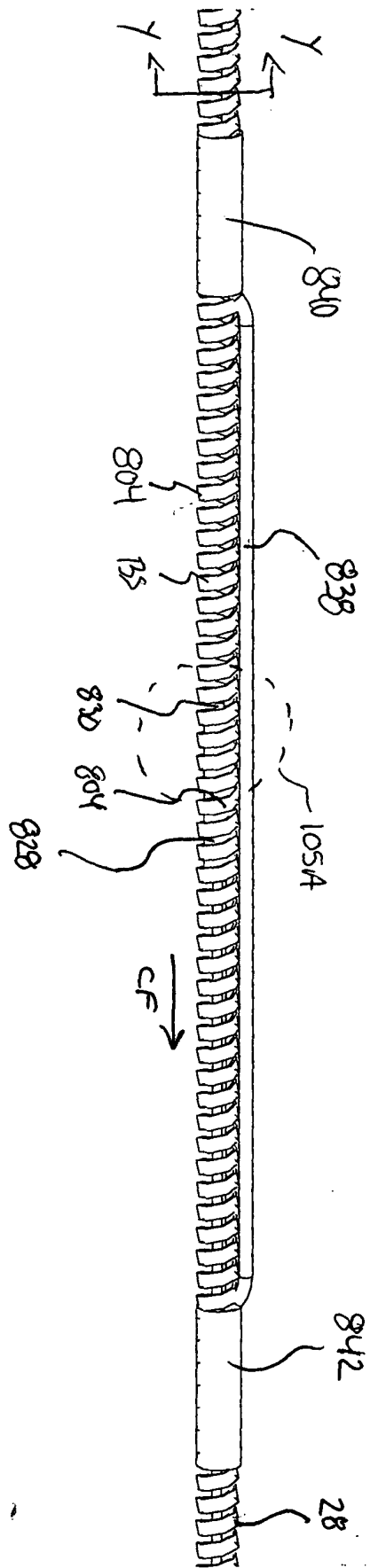
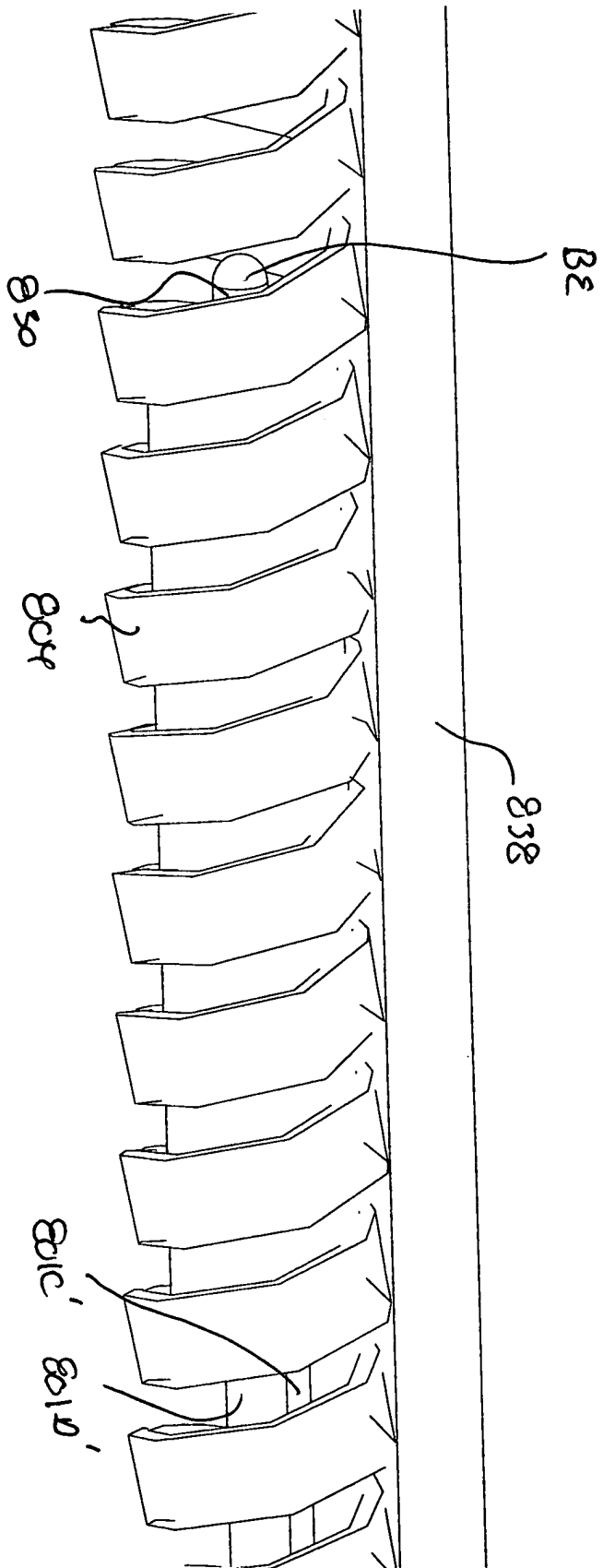
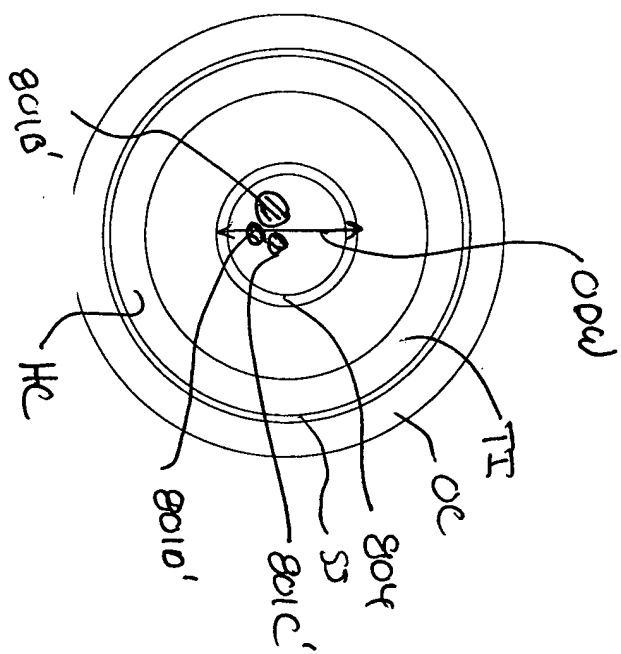


FIG. 105A



FLG.106



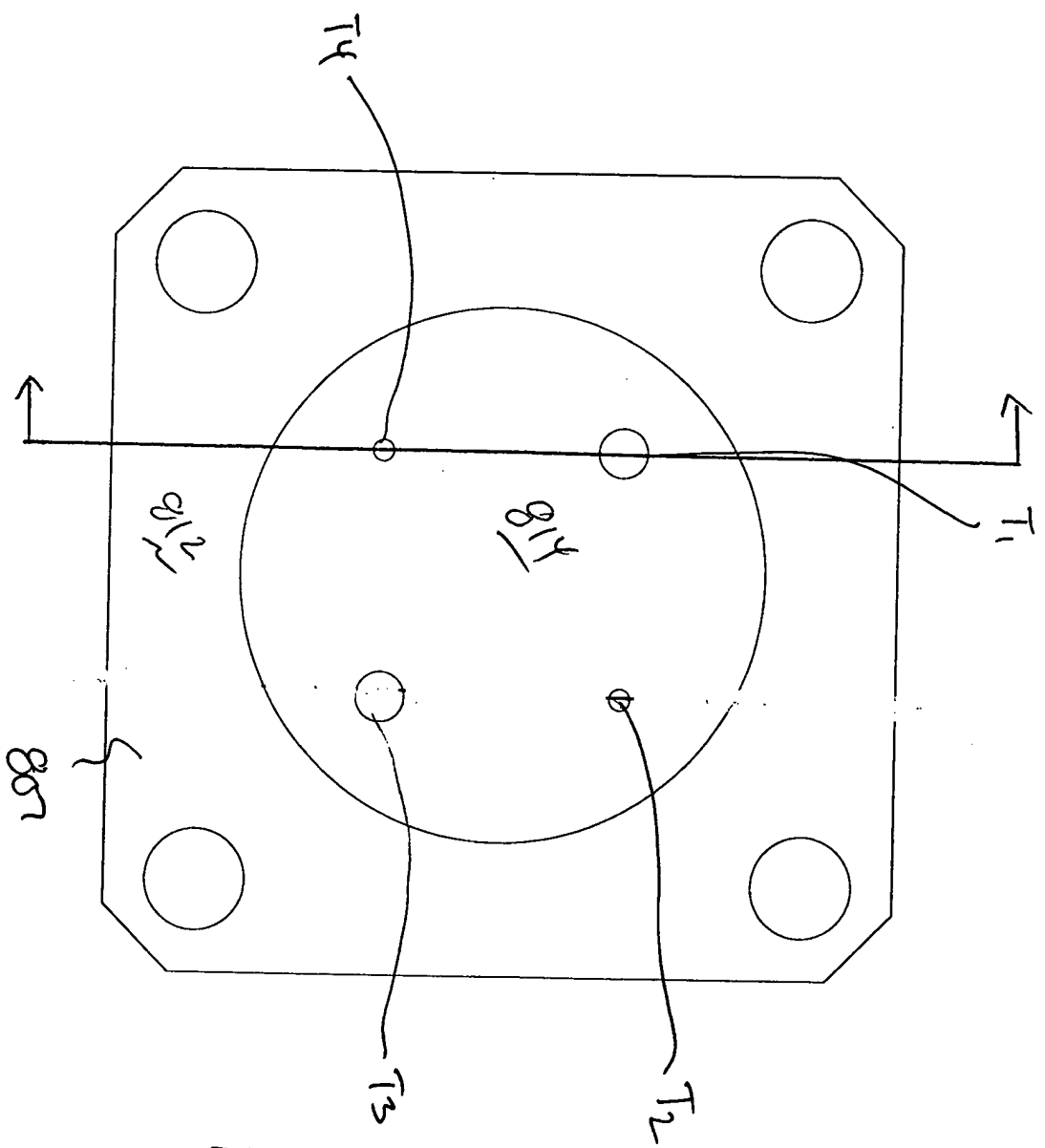


FIG. 107

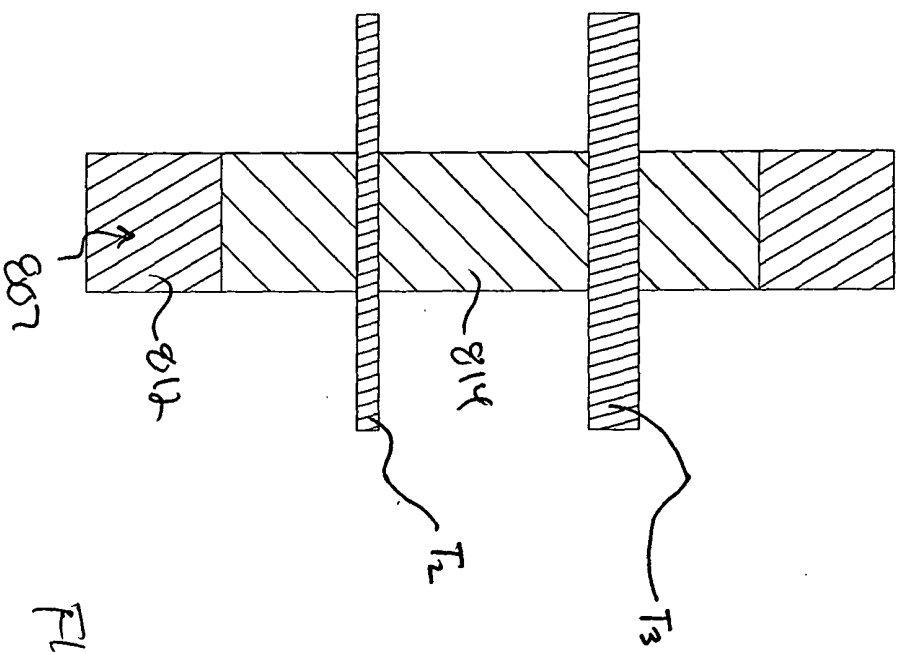


FIG. 108

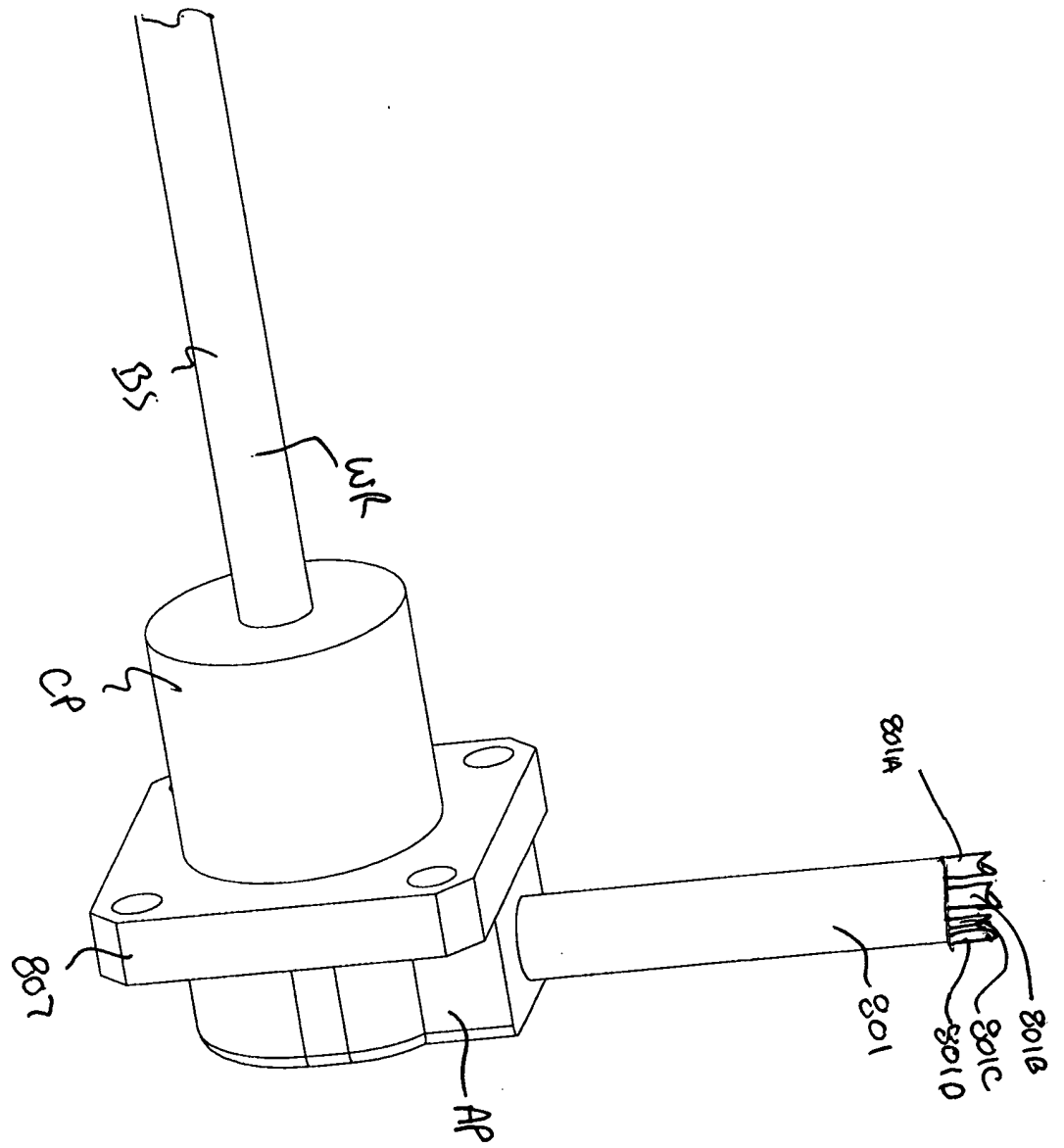


FIG. 109

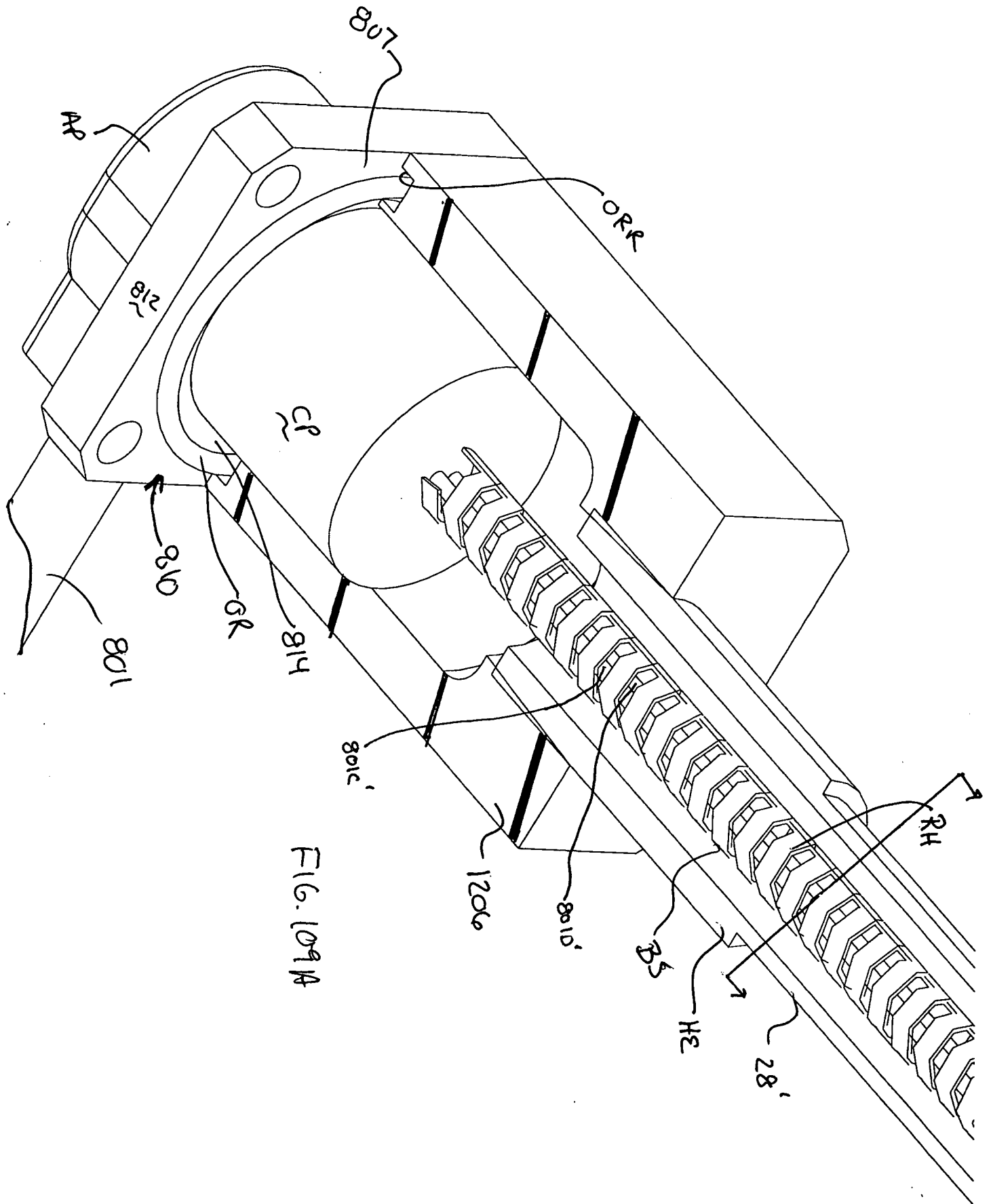


FIG. 109A

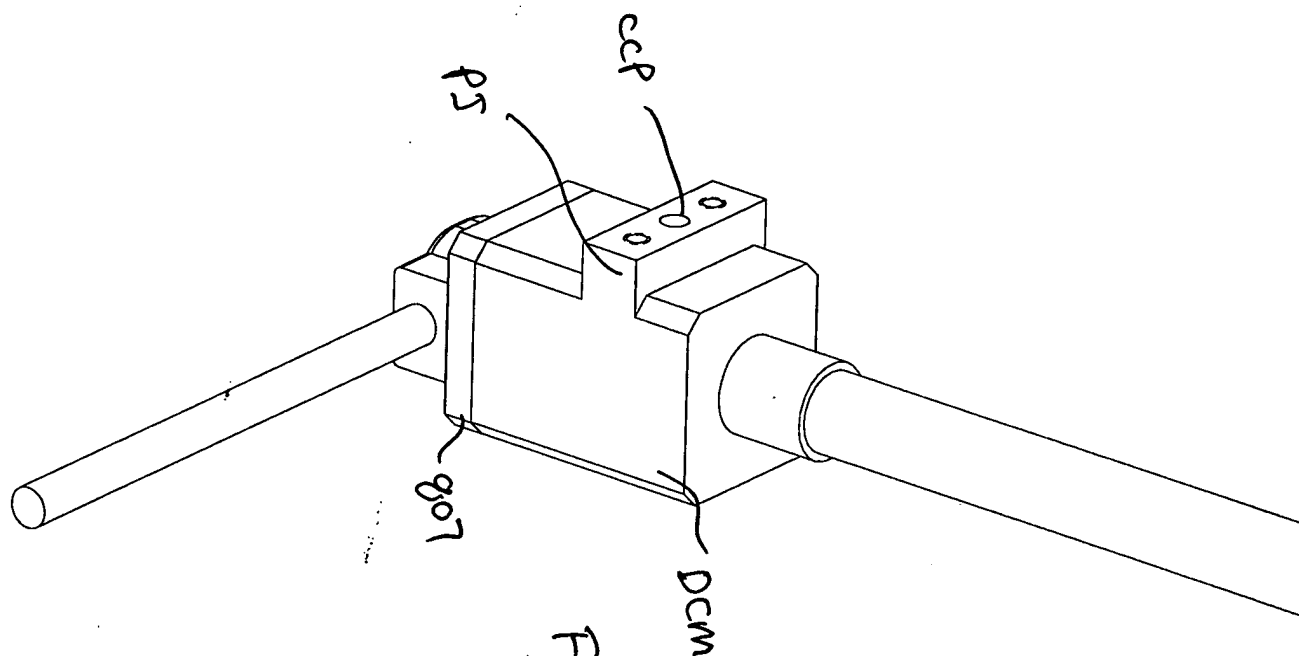
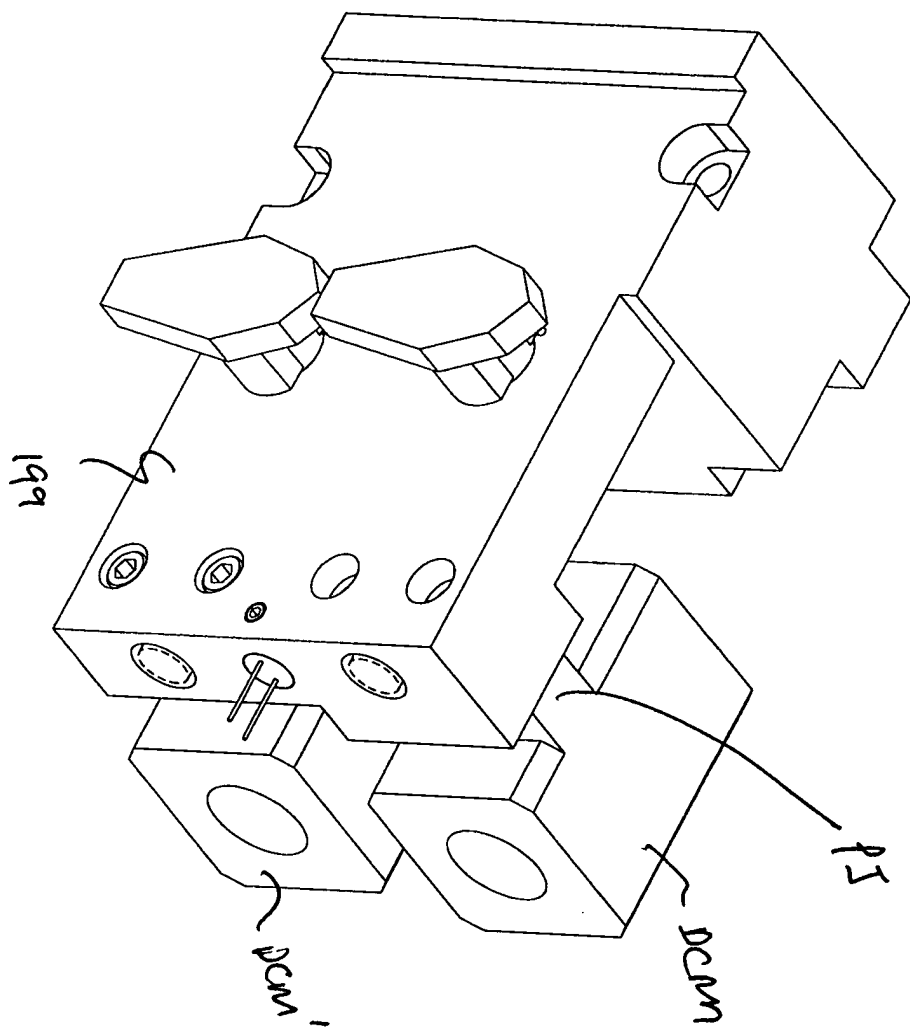
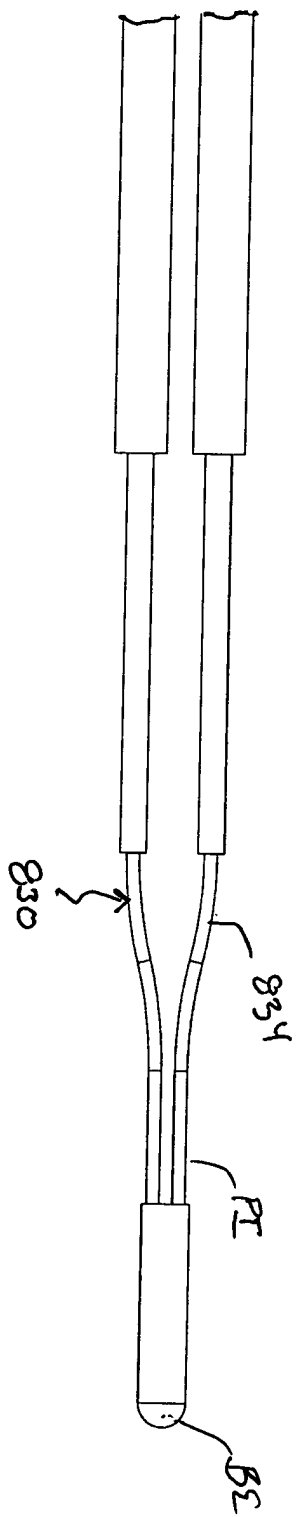


FIG. 109B



109C



F(6.110

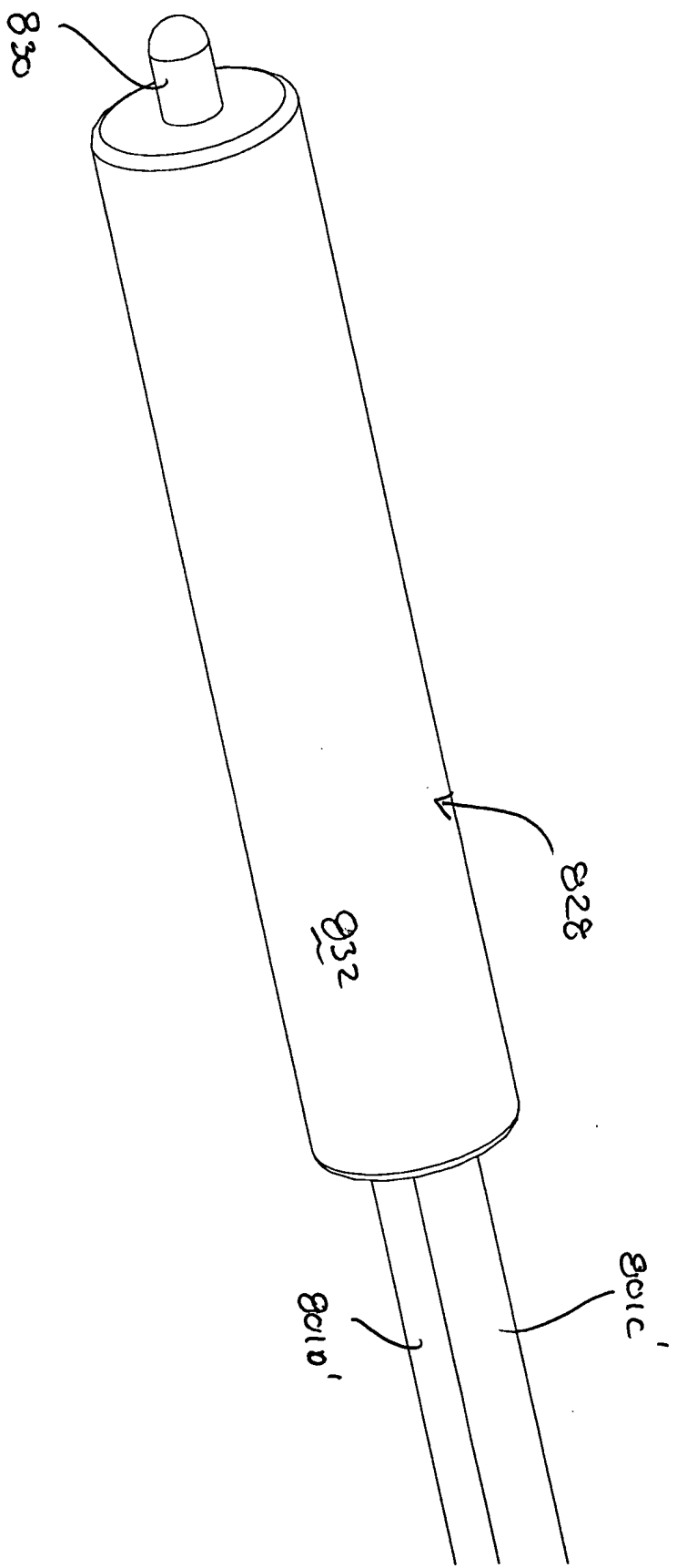
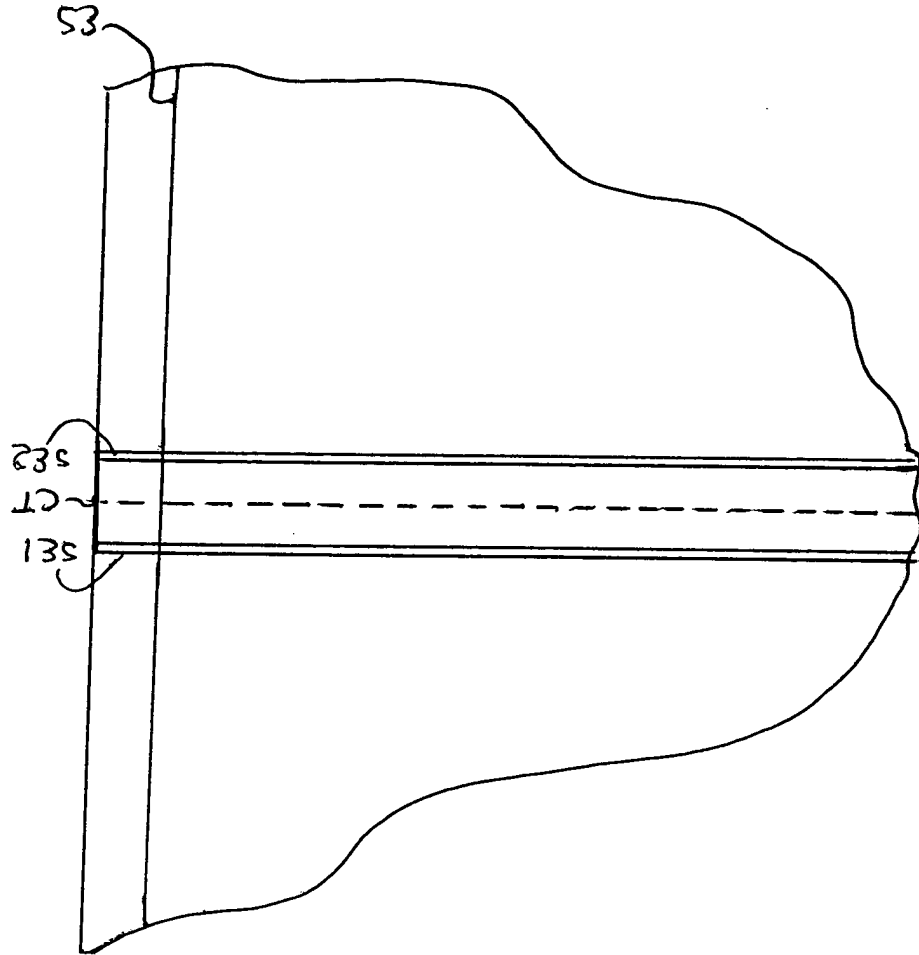


FIG. 110A

FIG. 11



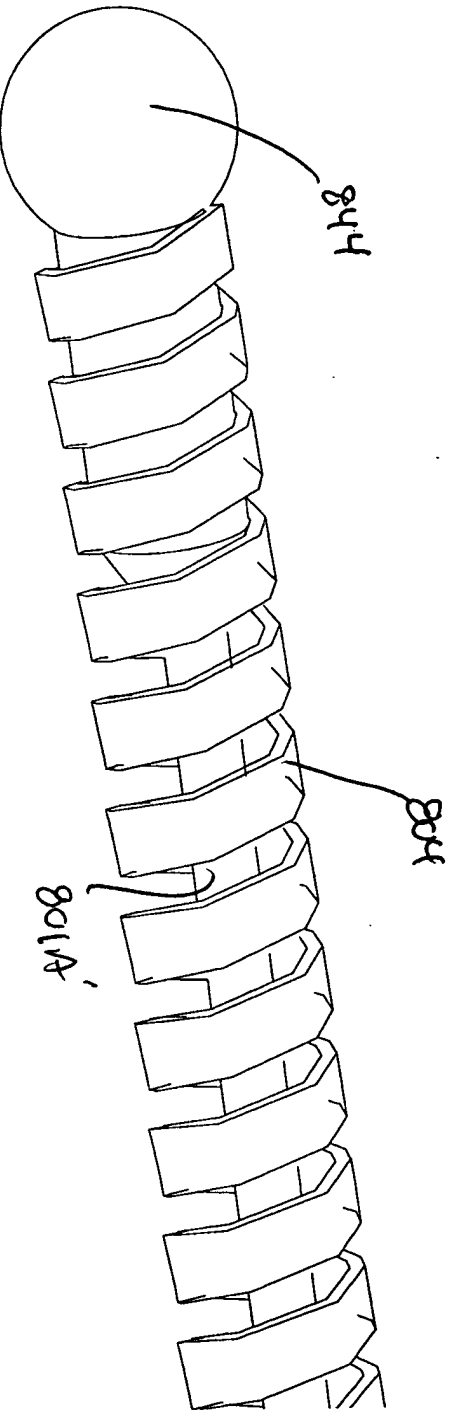


FIG. 112

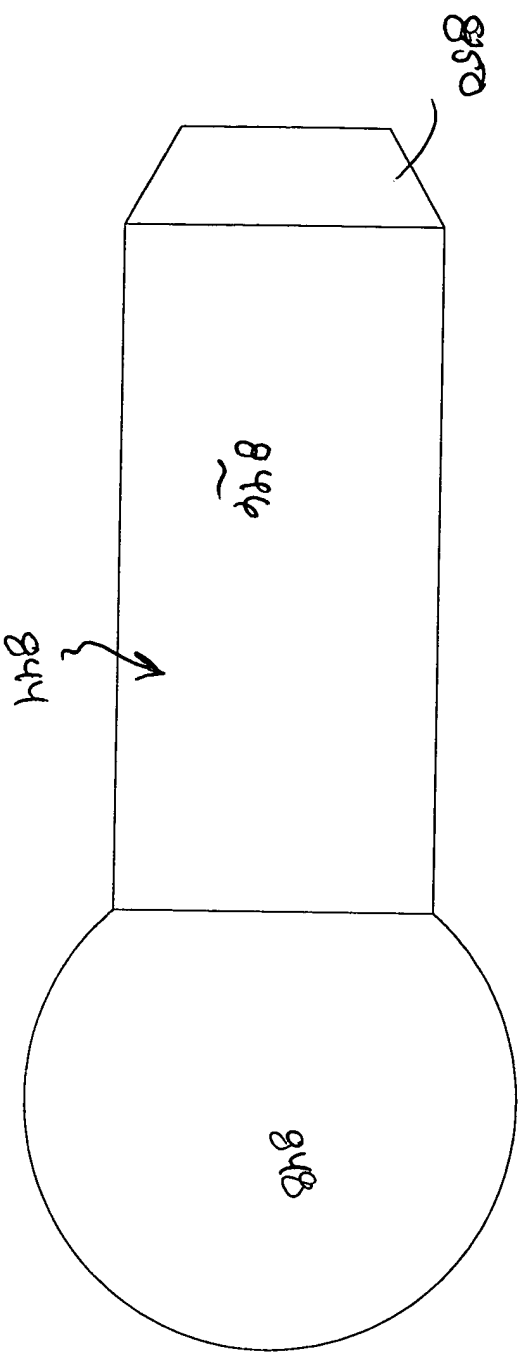
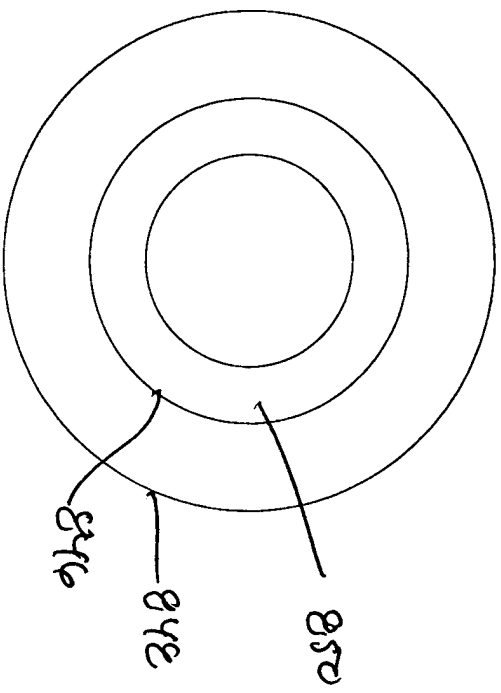


FIG. 113



F16.1134

FIG. 114

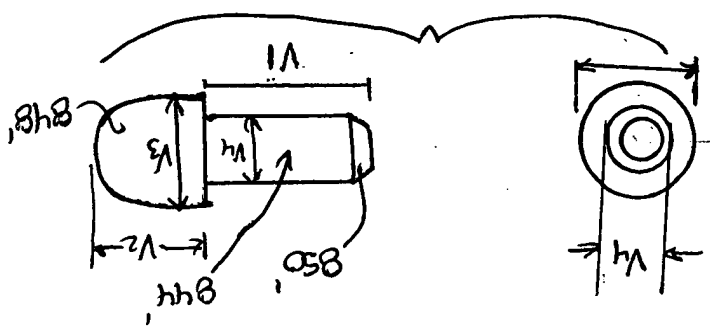


FIG. 115

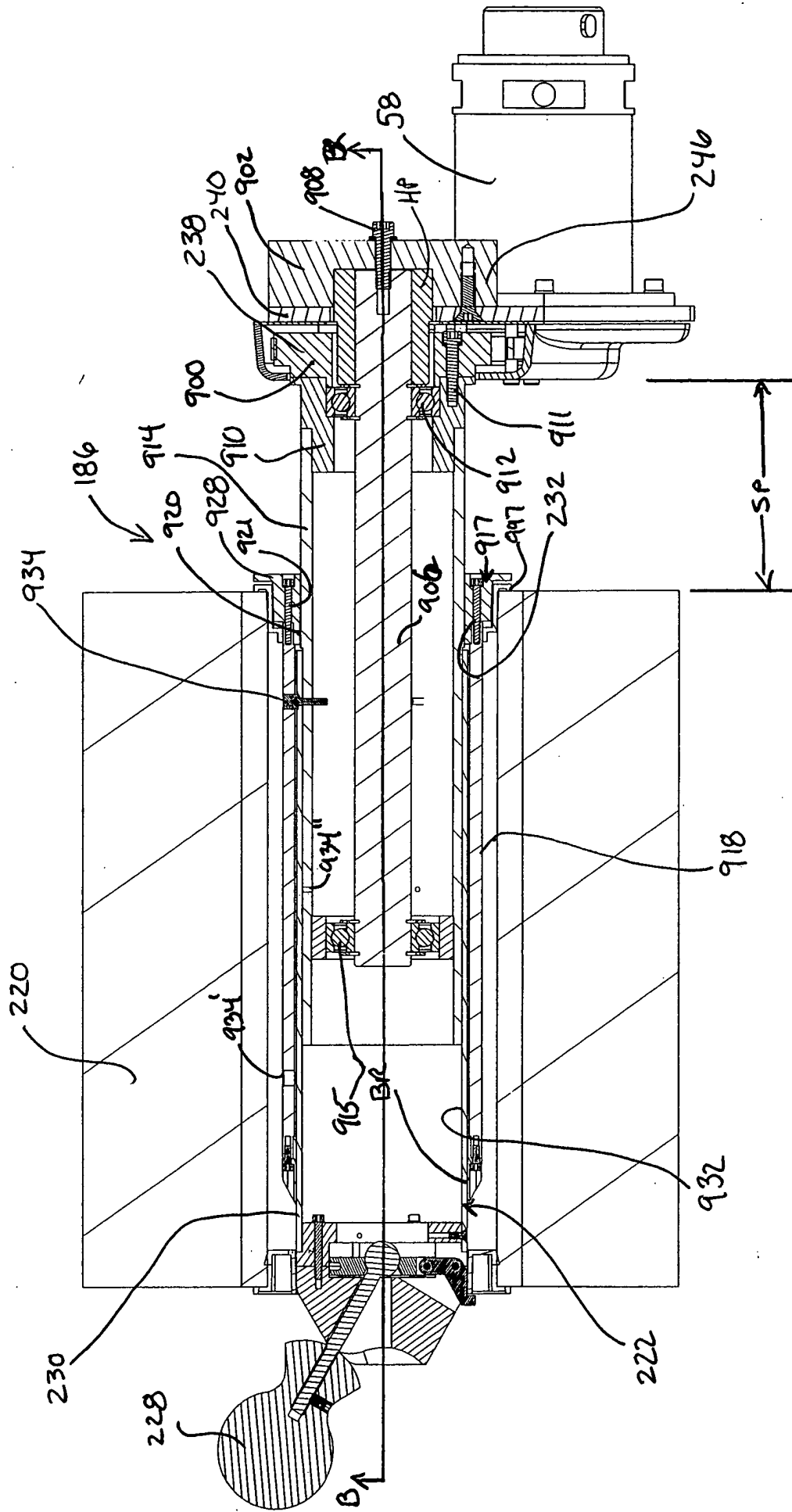
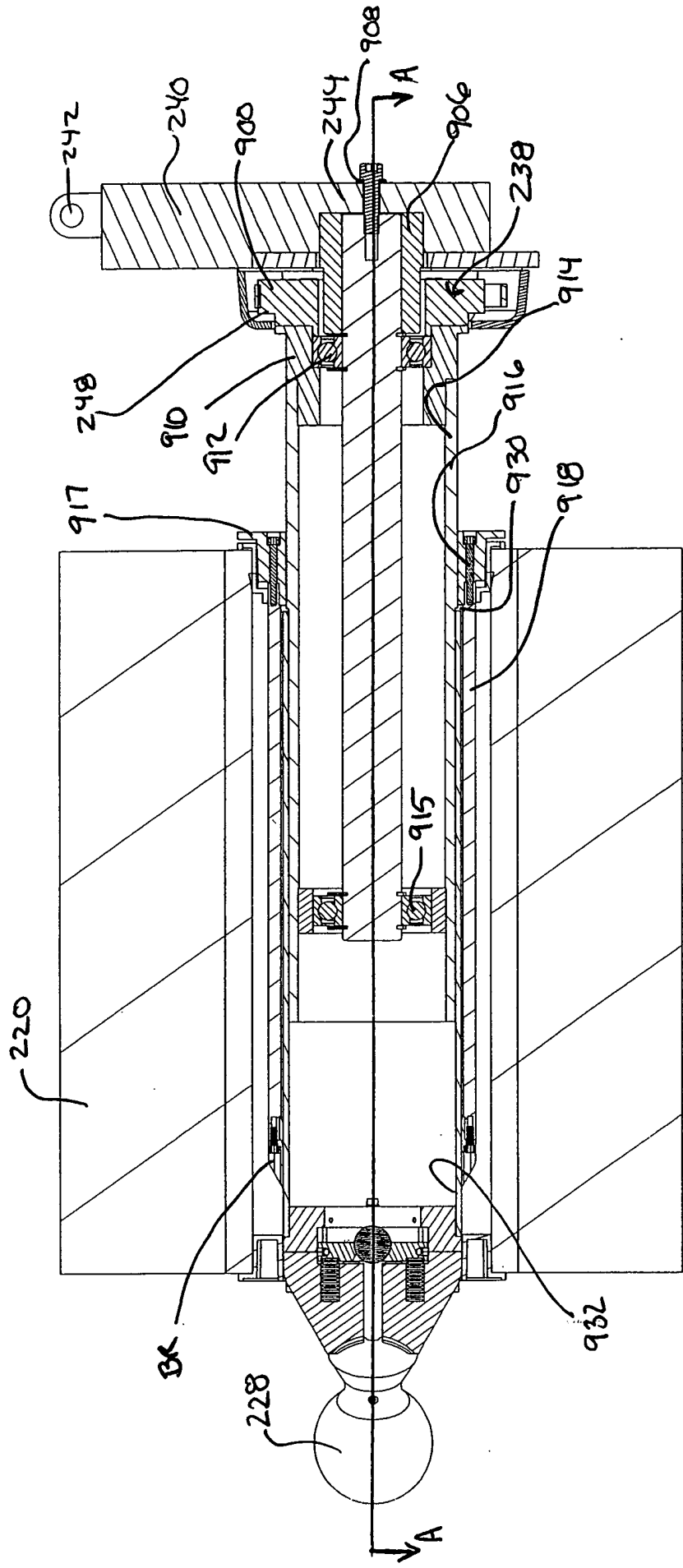


FIG. 11b



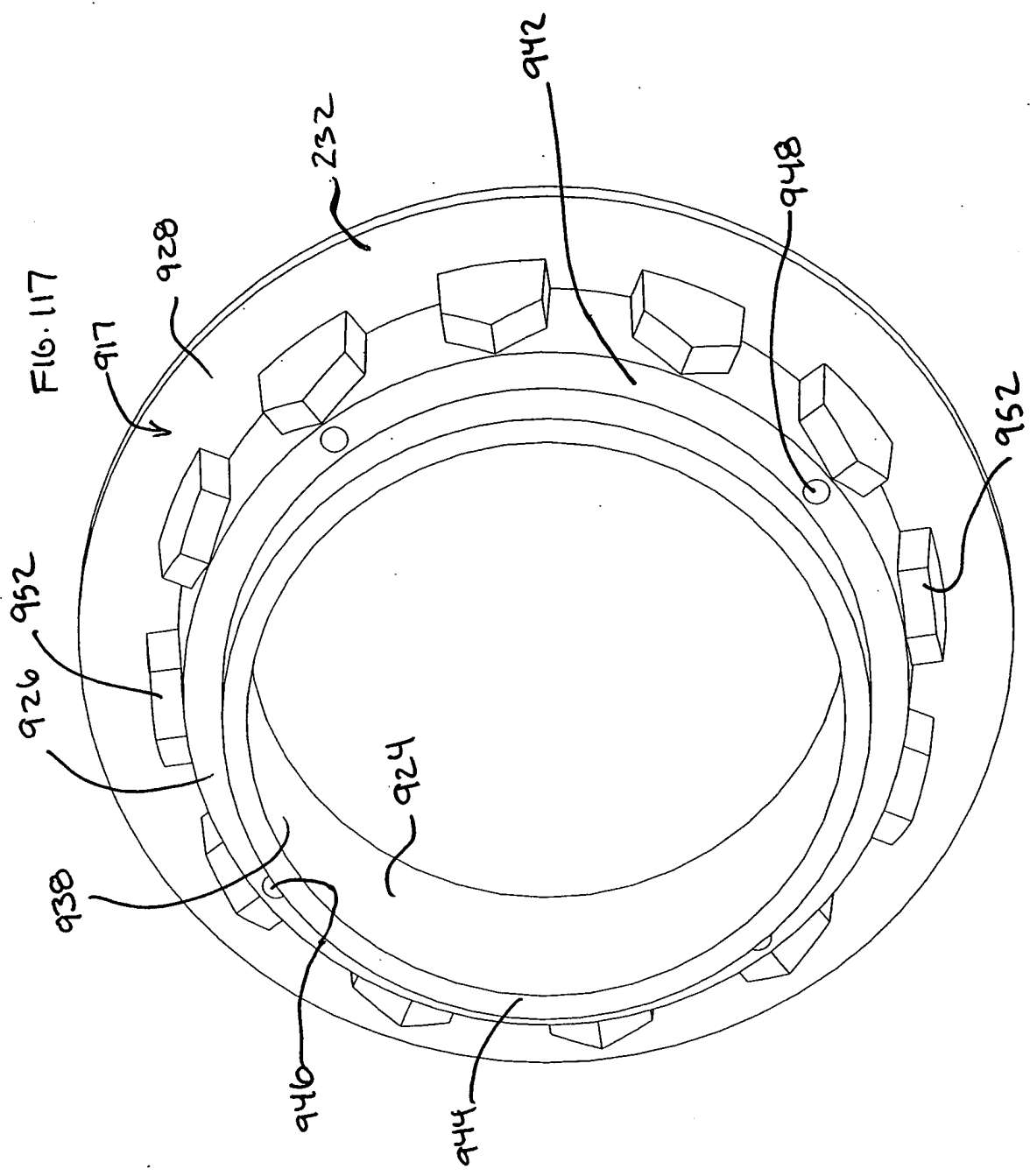


FIG. 117

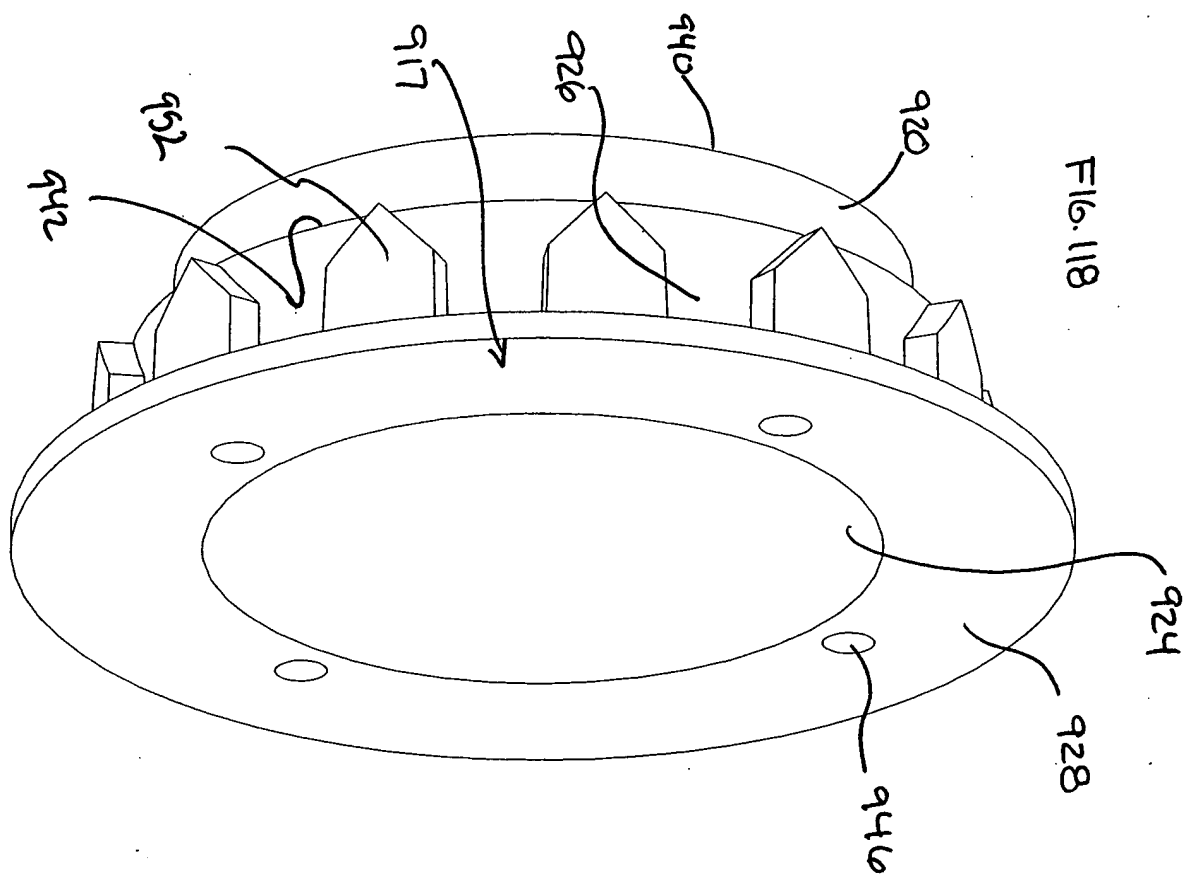
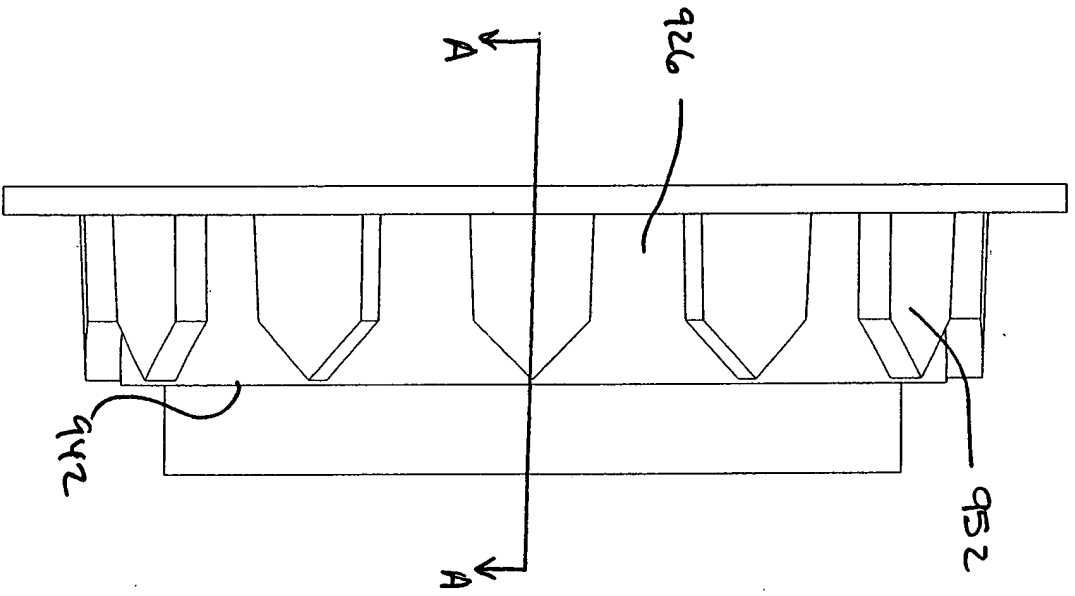
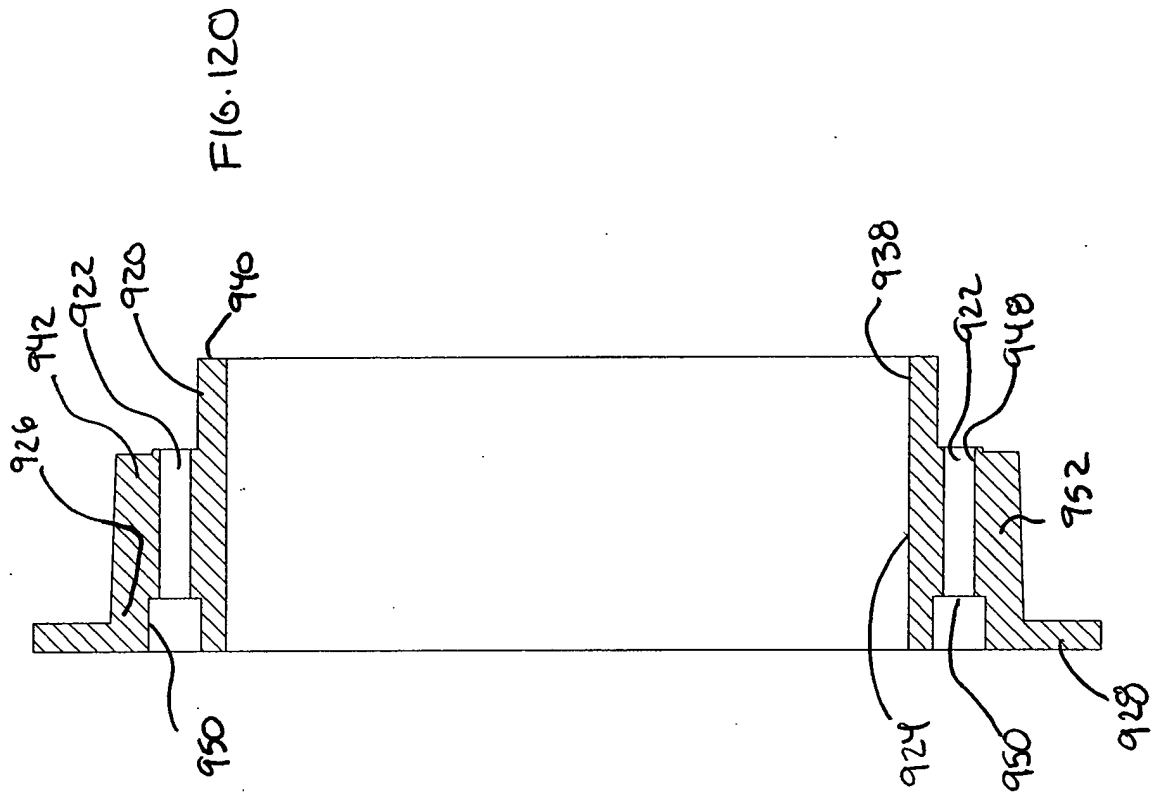
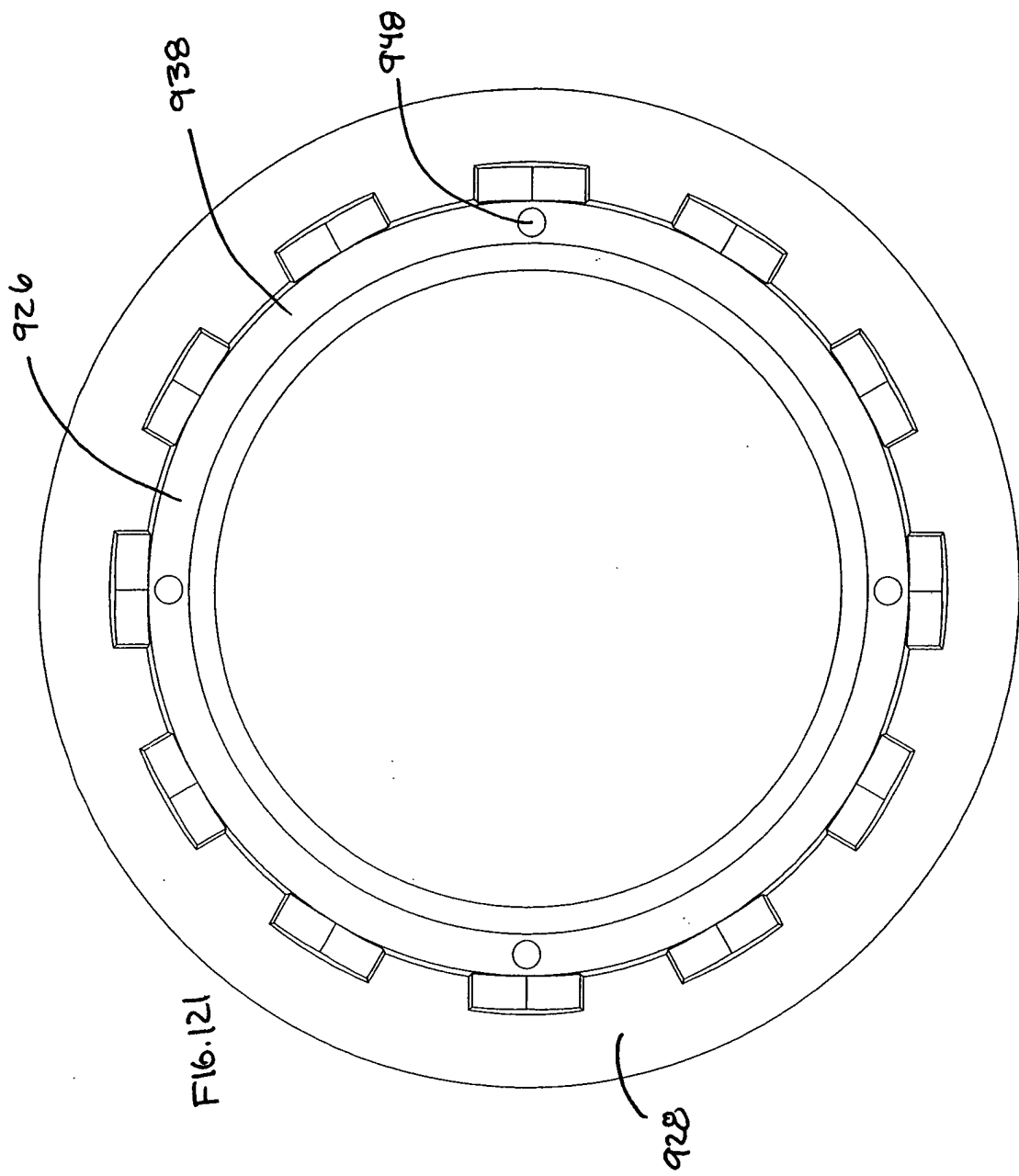


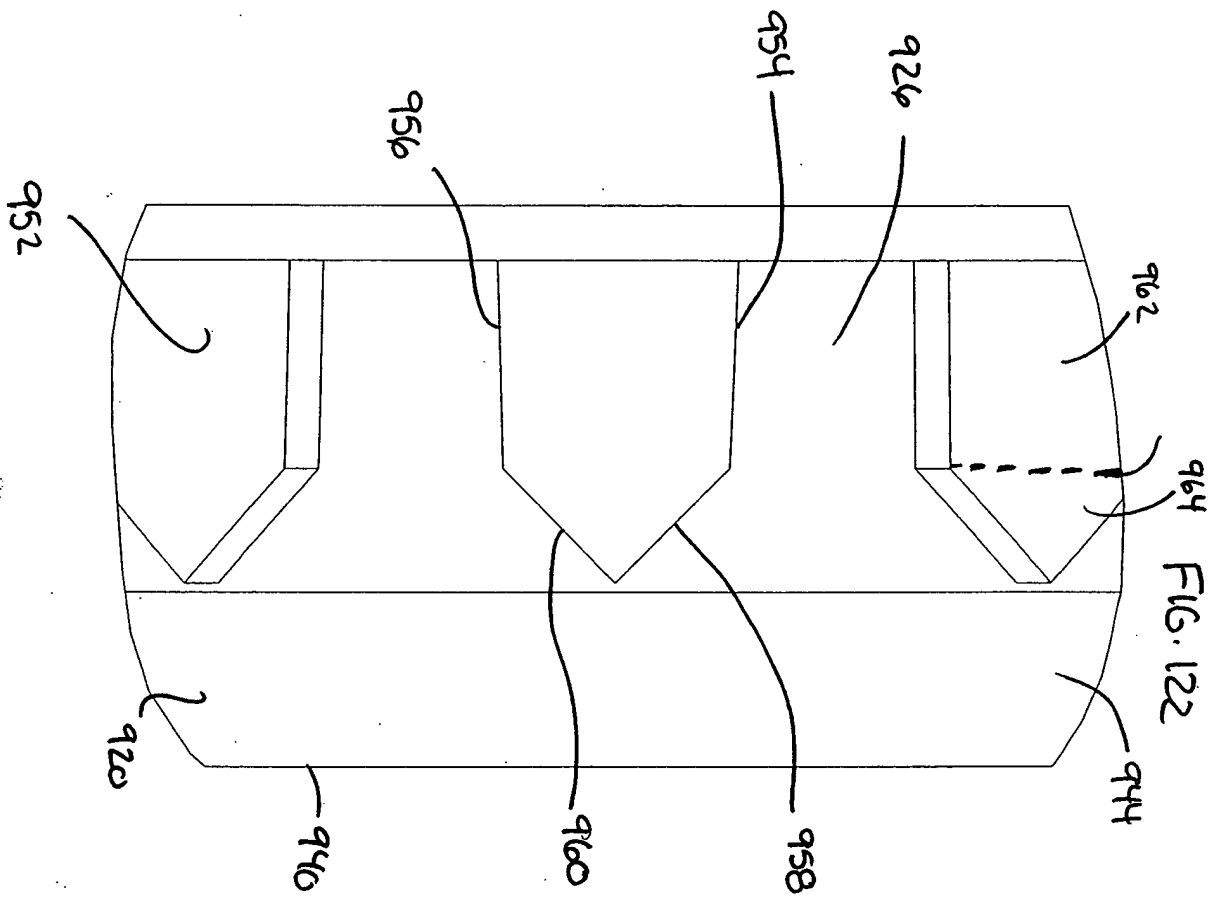
FIG. 11A







F16.121



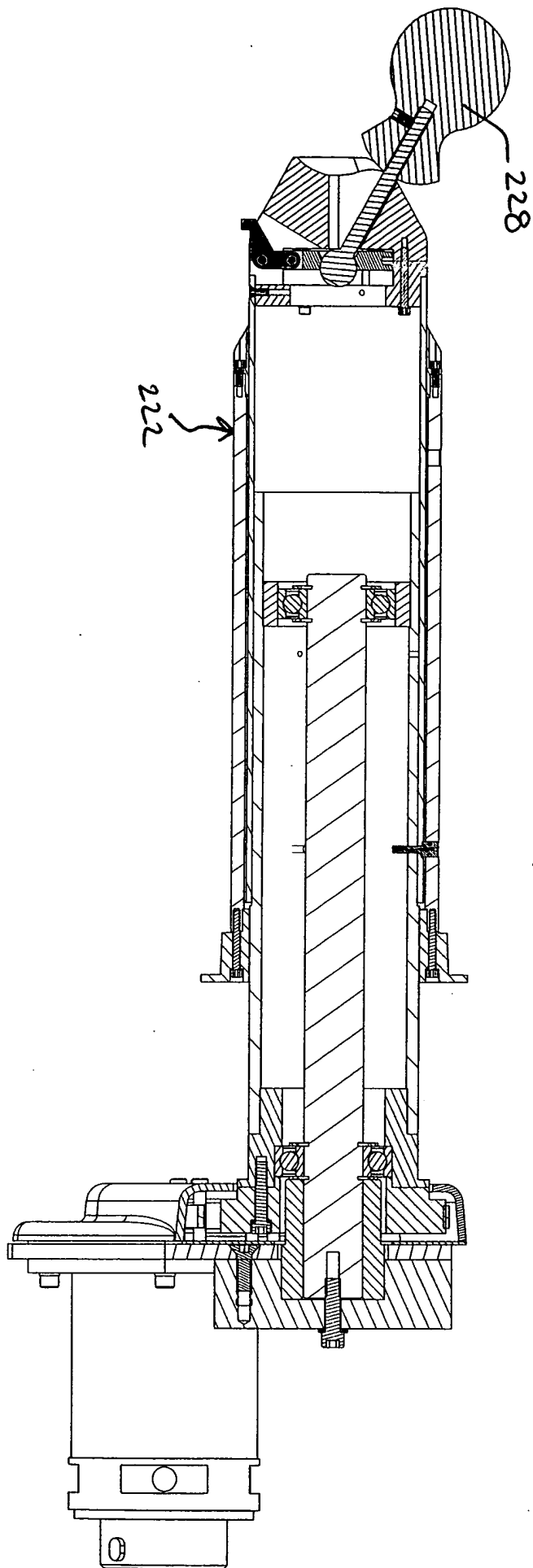


FIG. 123

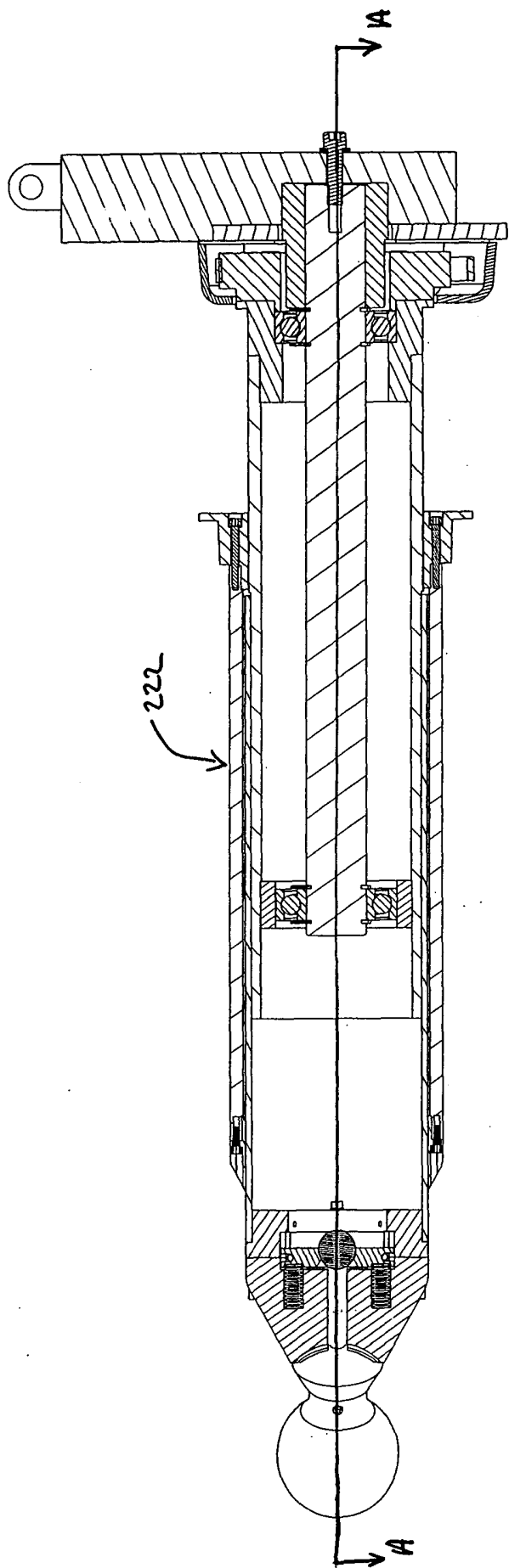


FIG. 124

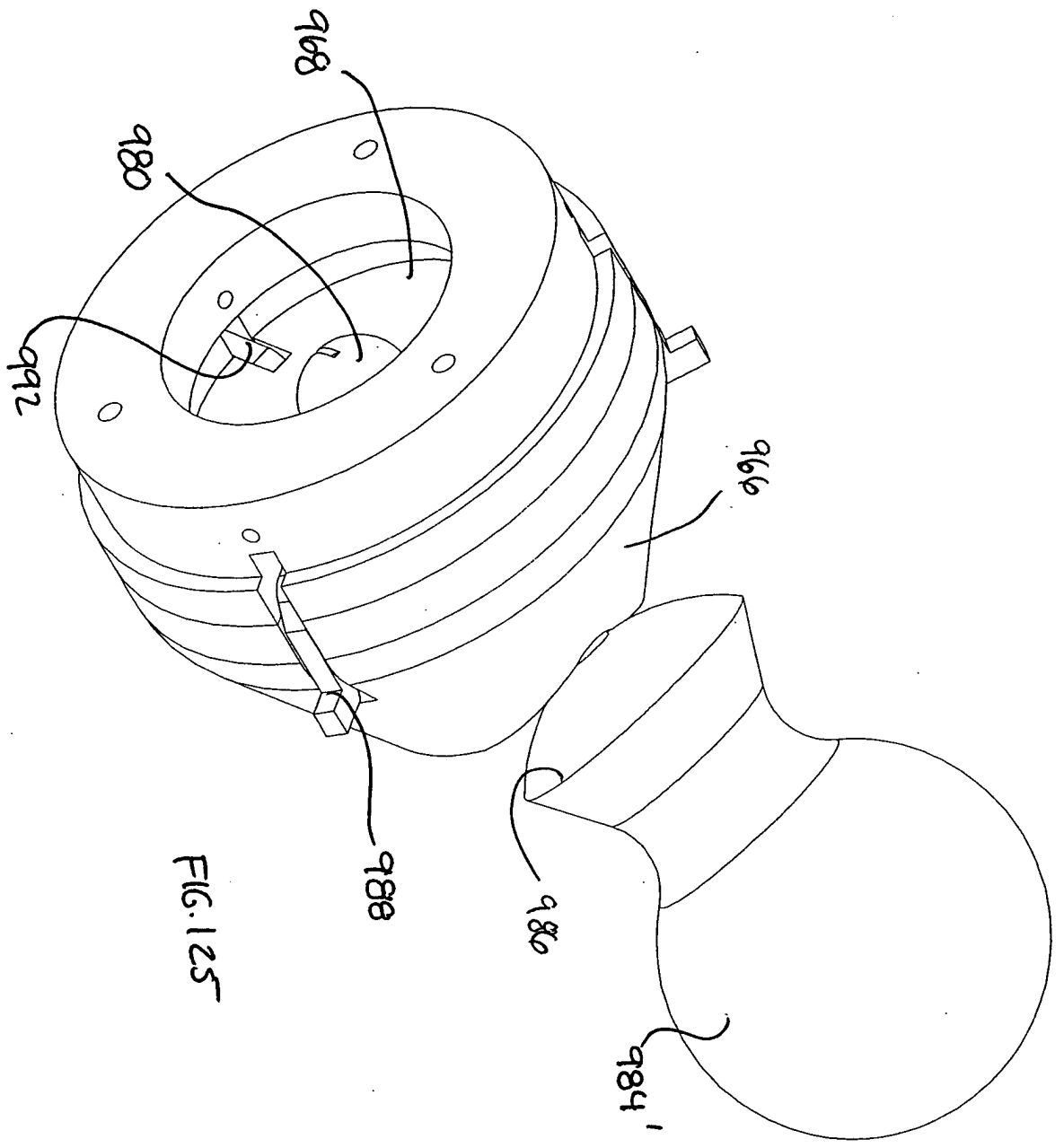


FIG. 125

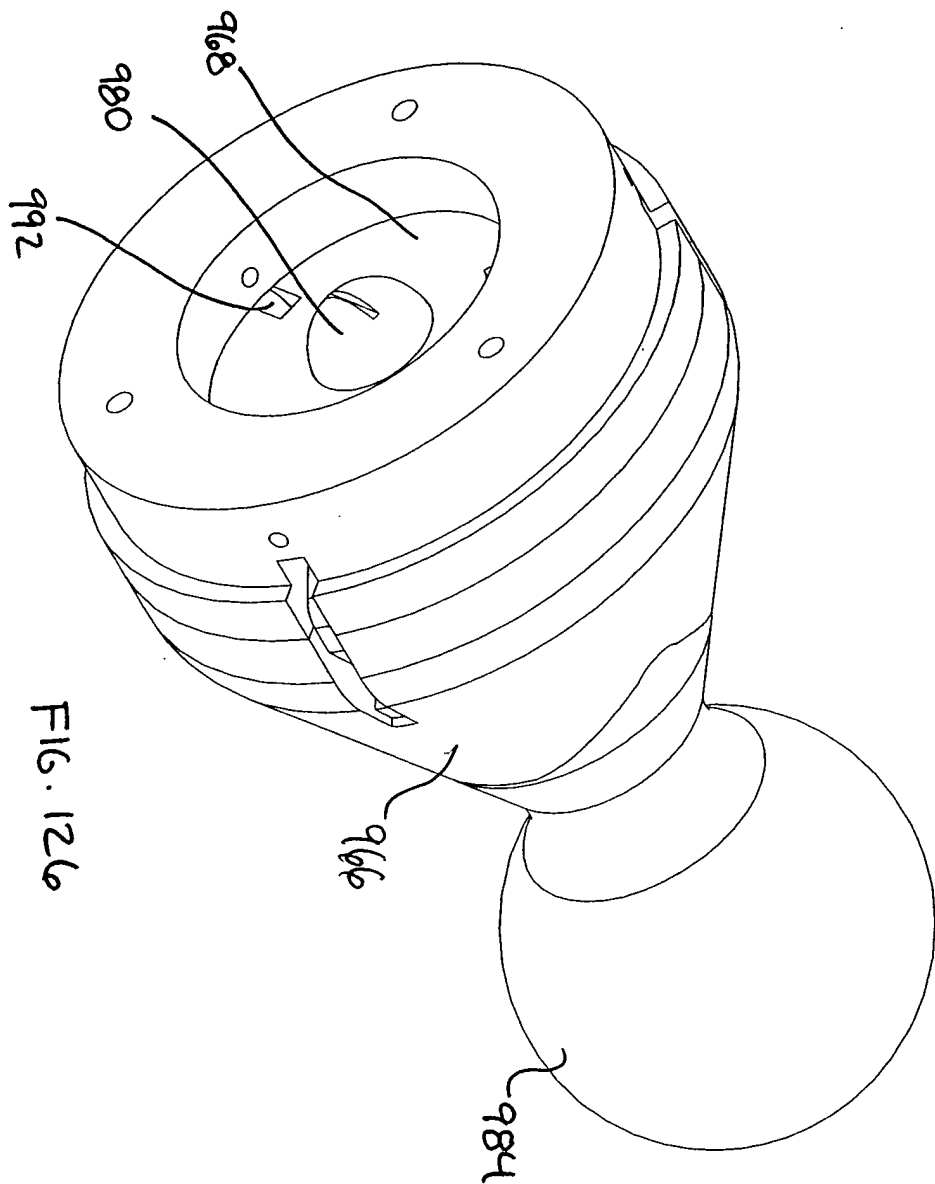


FIG. 126

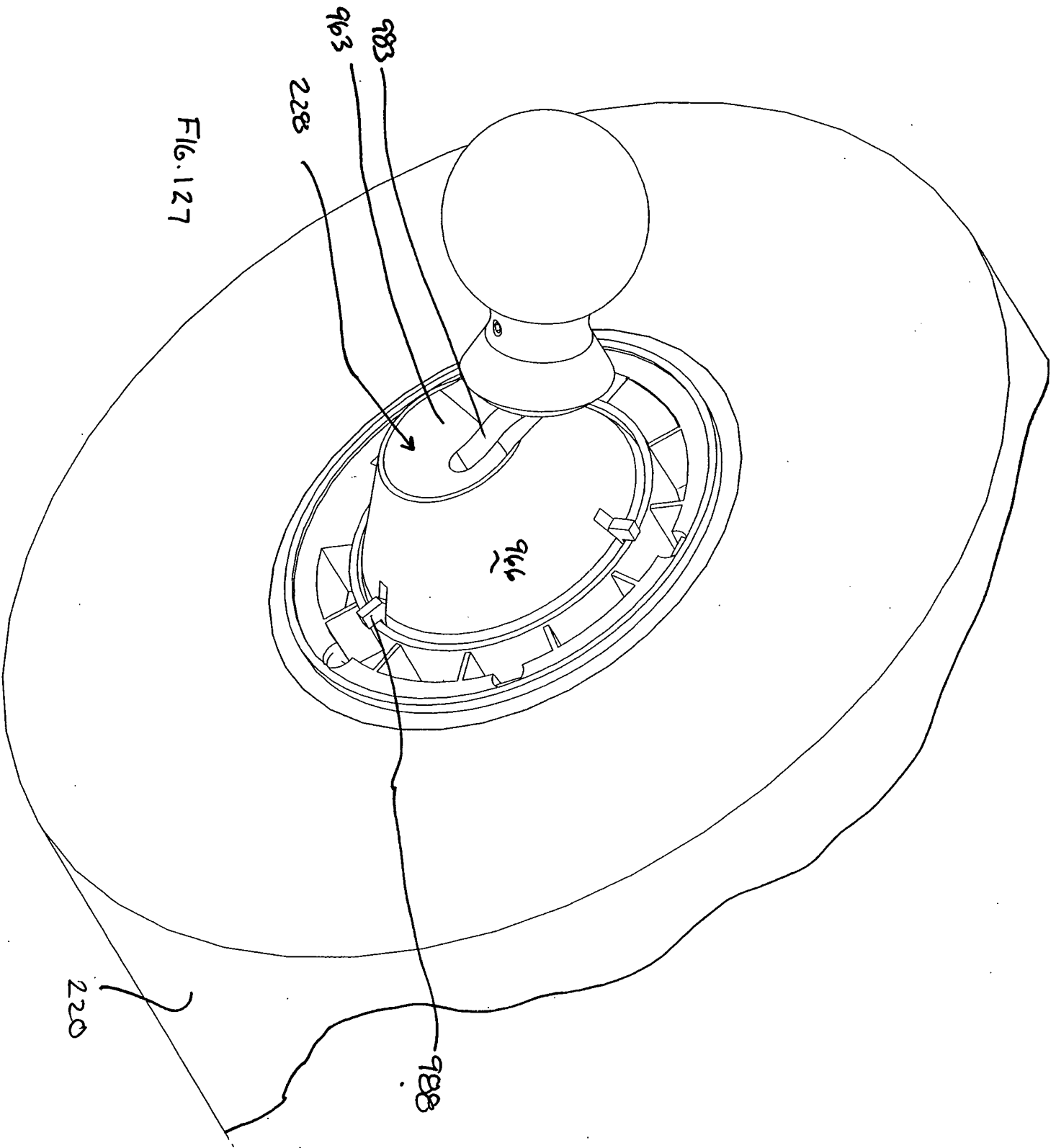


FIG. 127

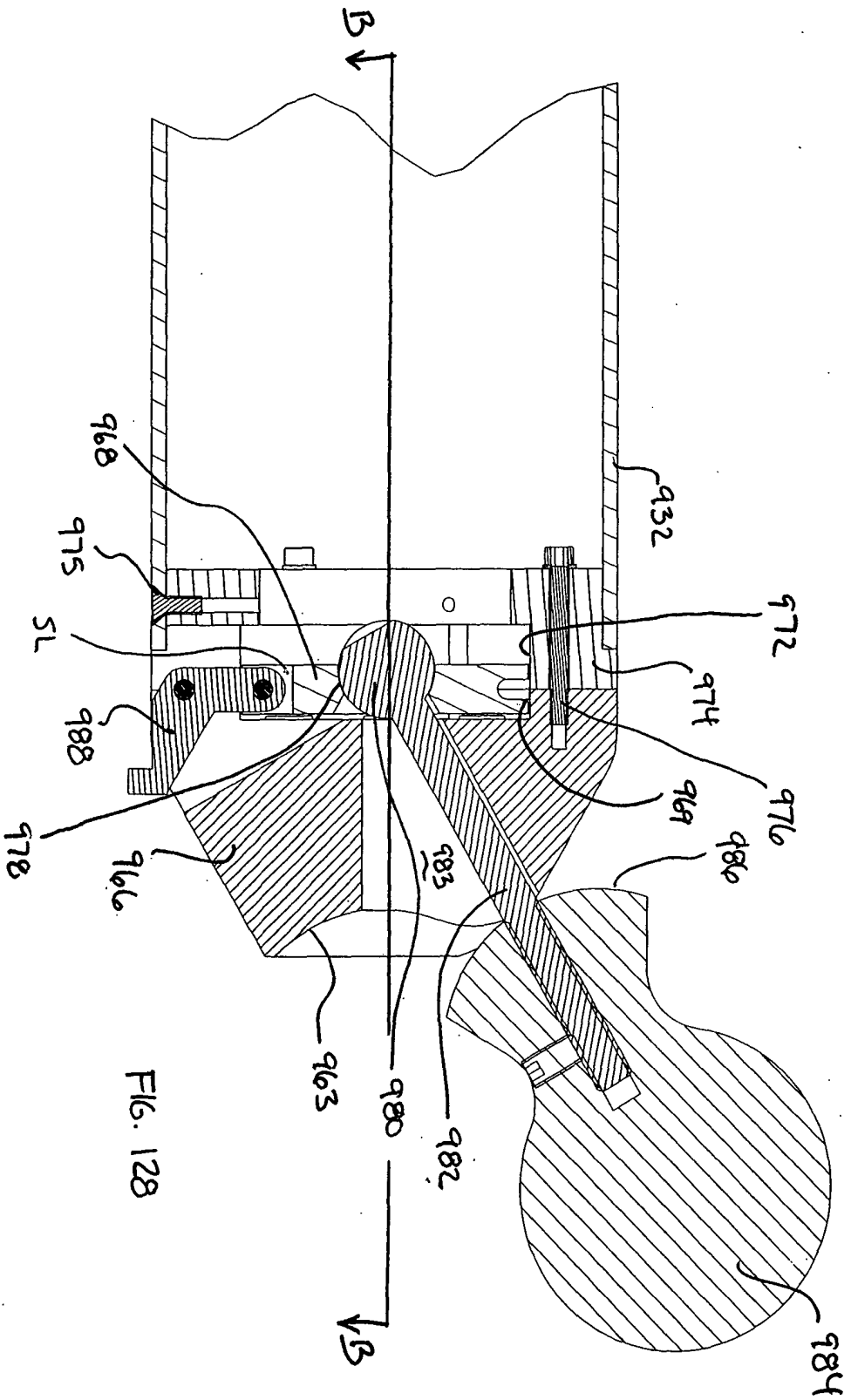


FIG. 128

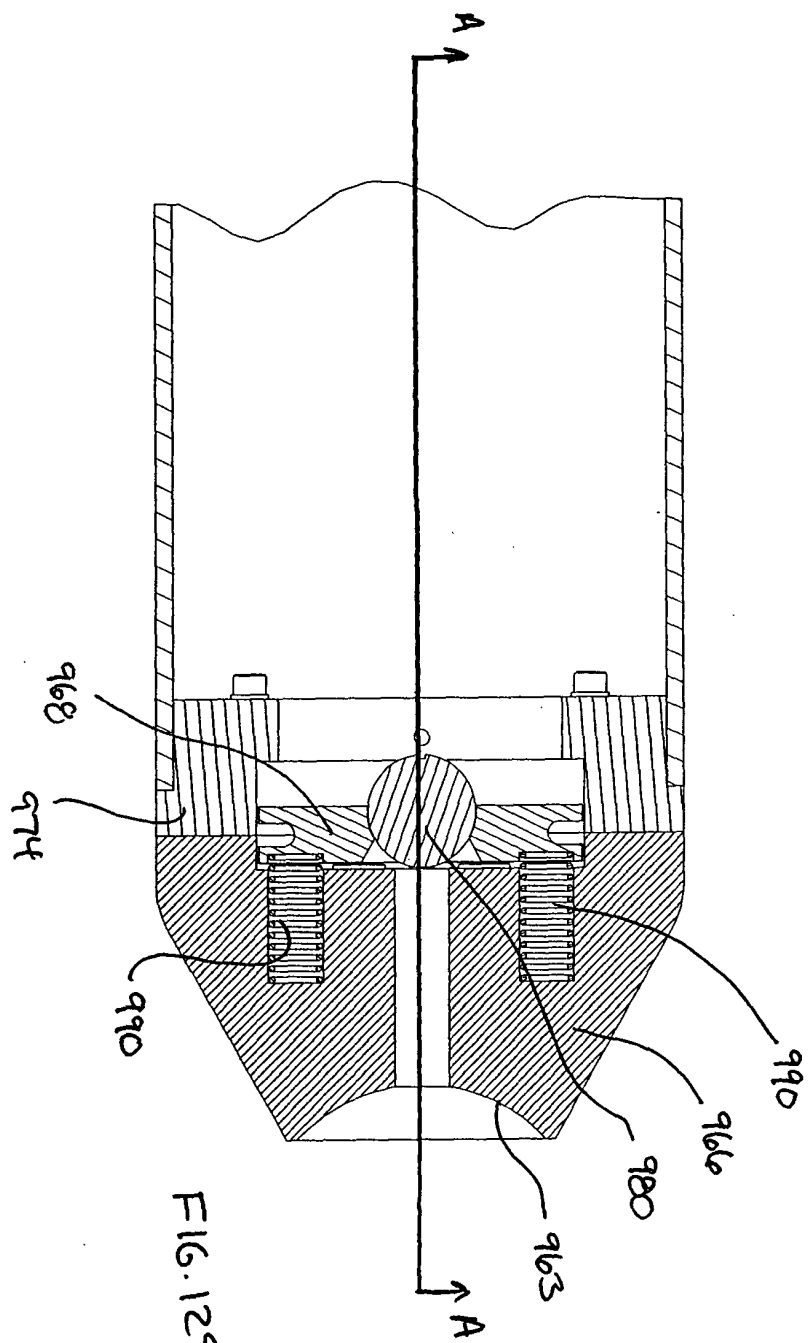


FIG. 129

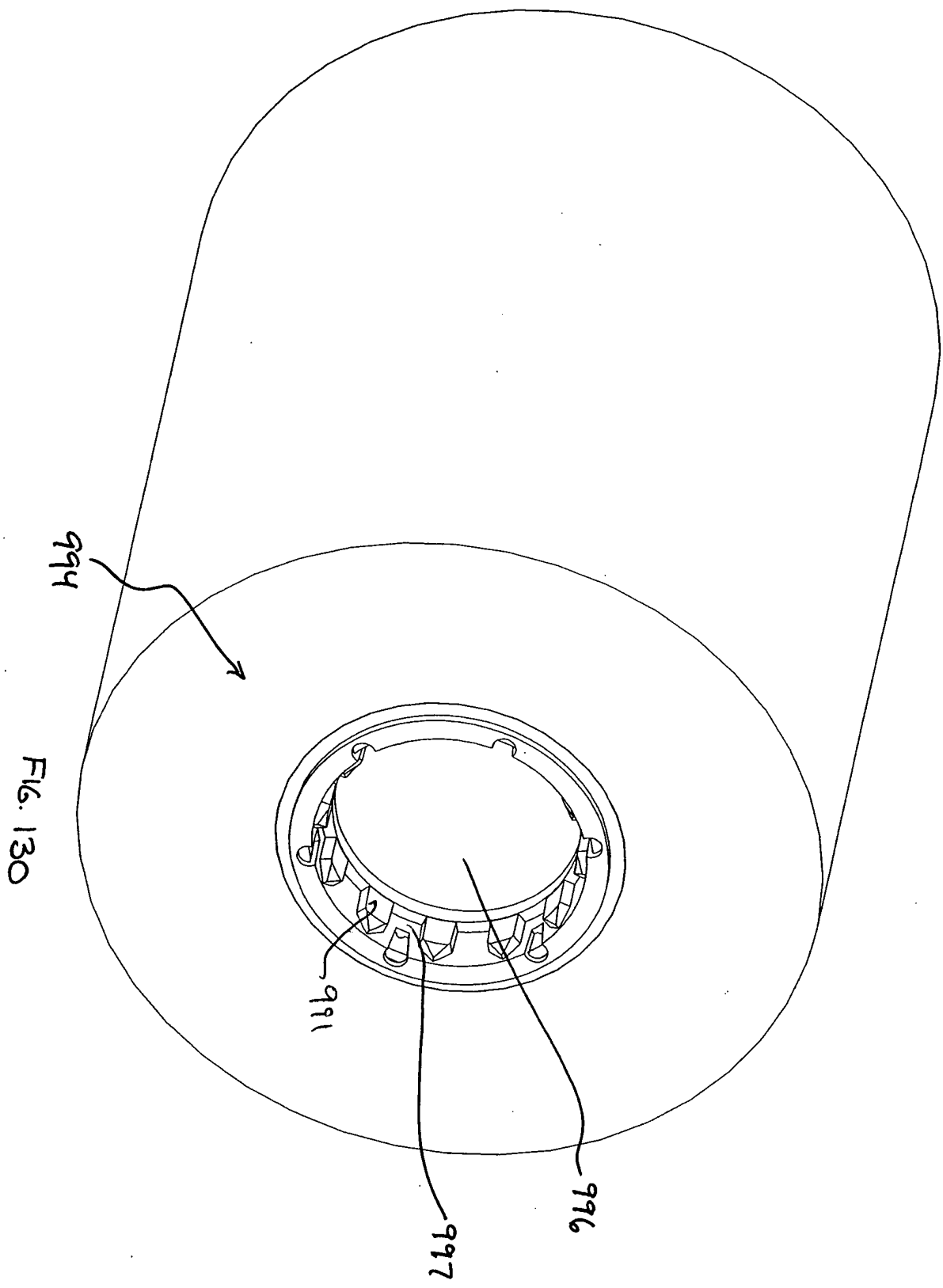


FIG. 130

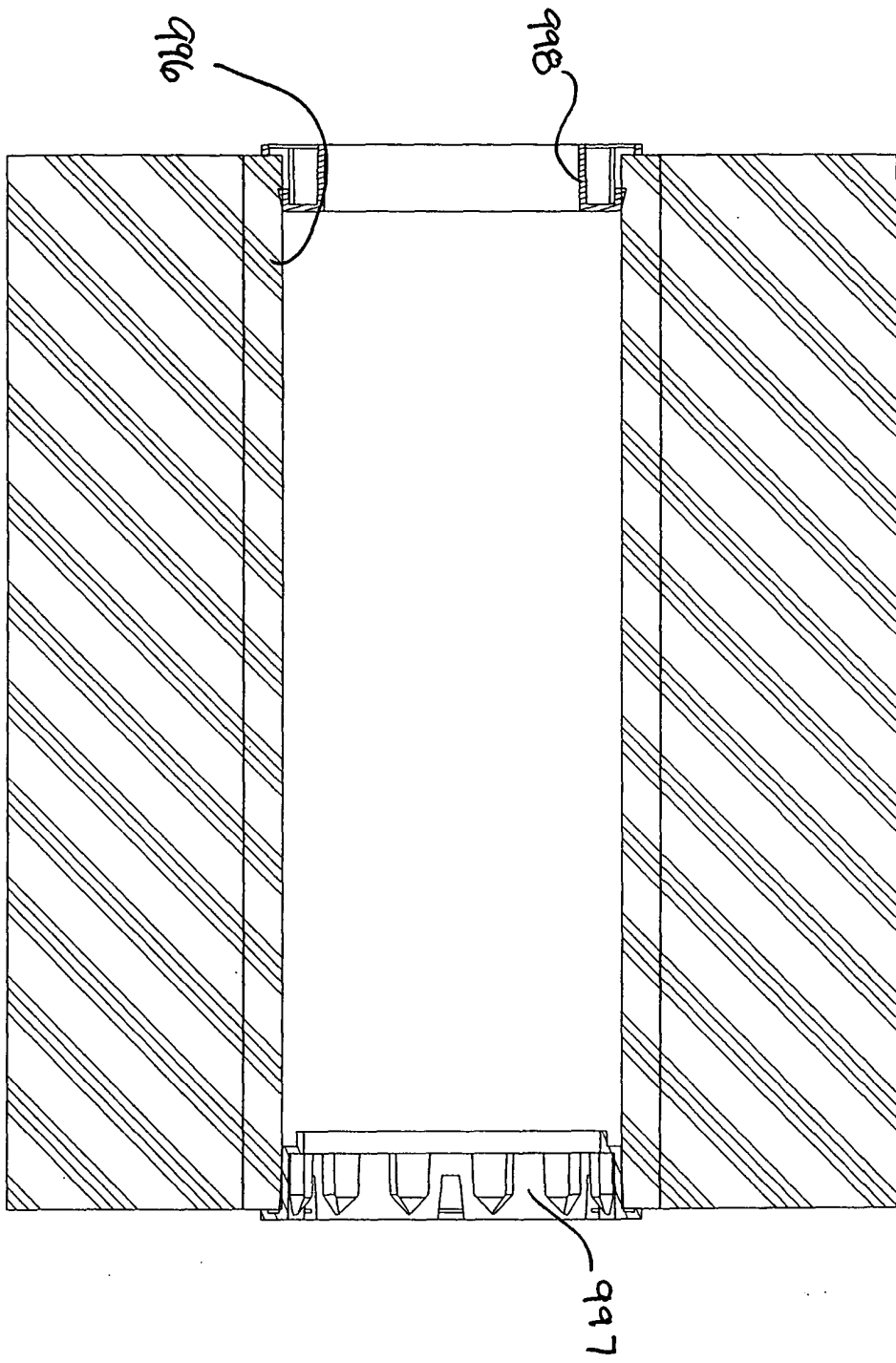


FIG. 131

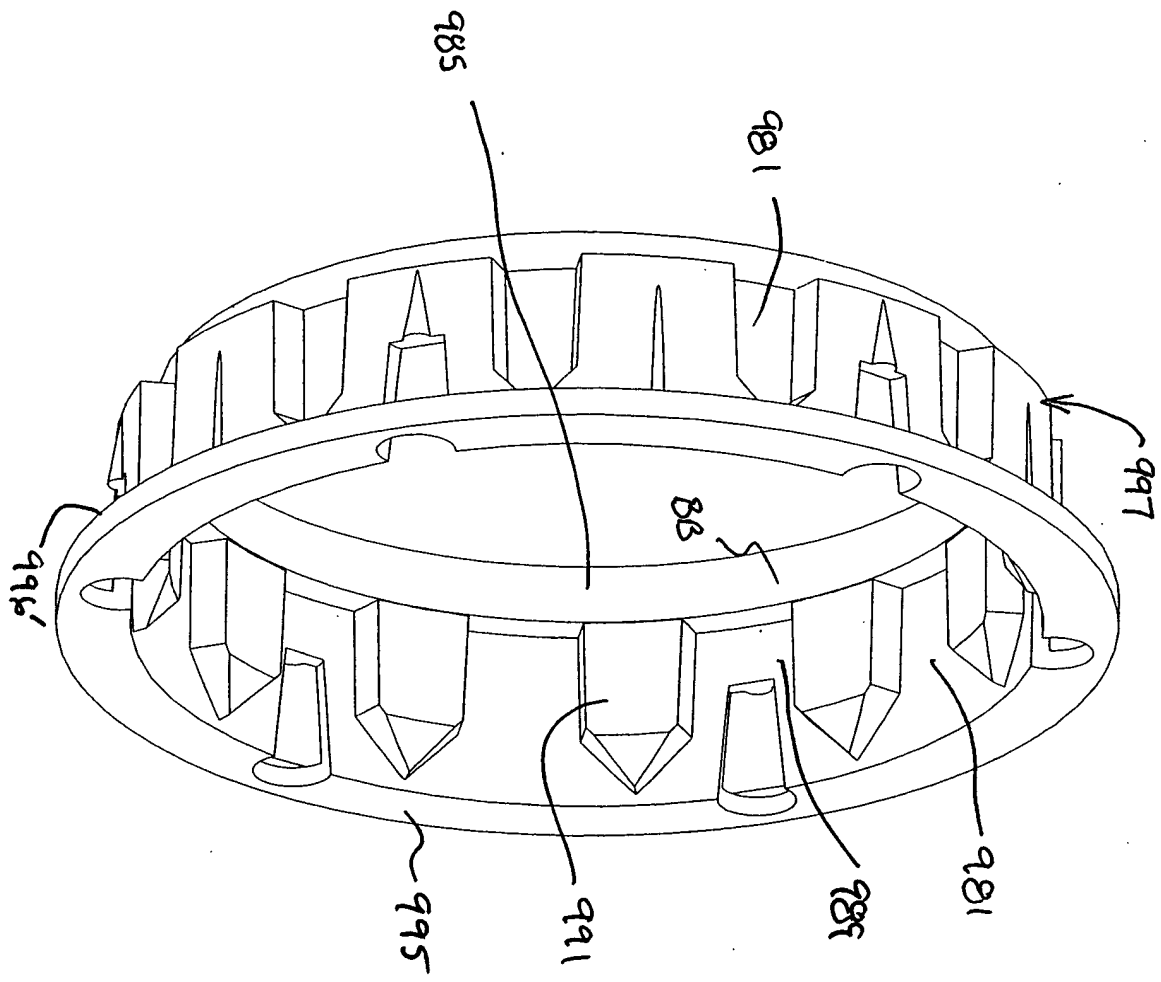


FIG. 132

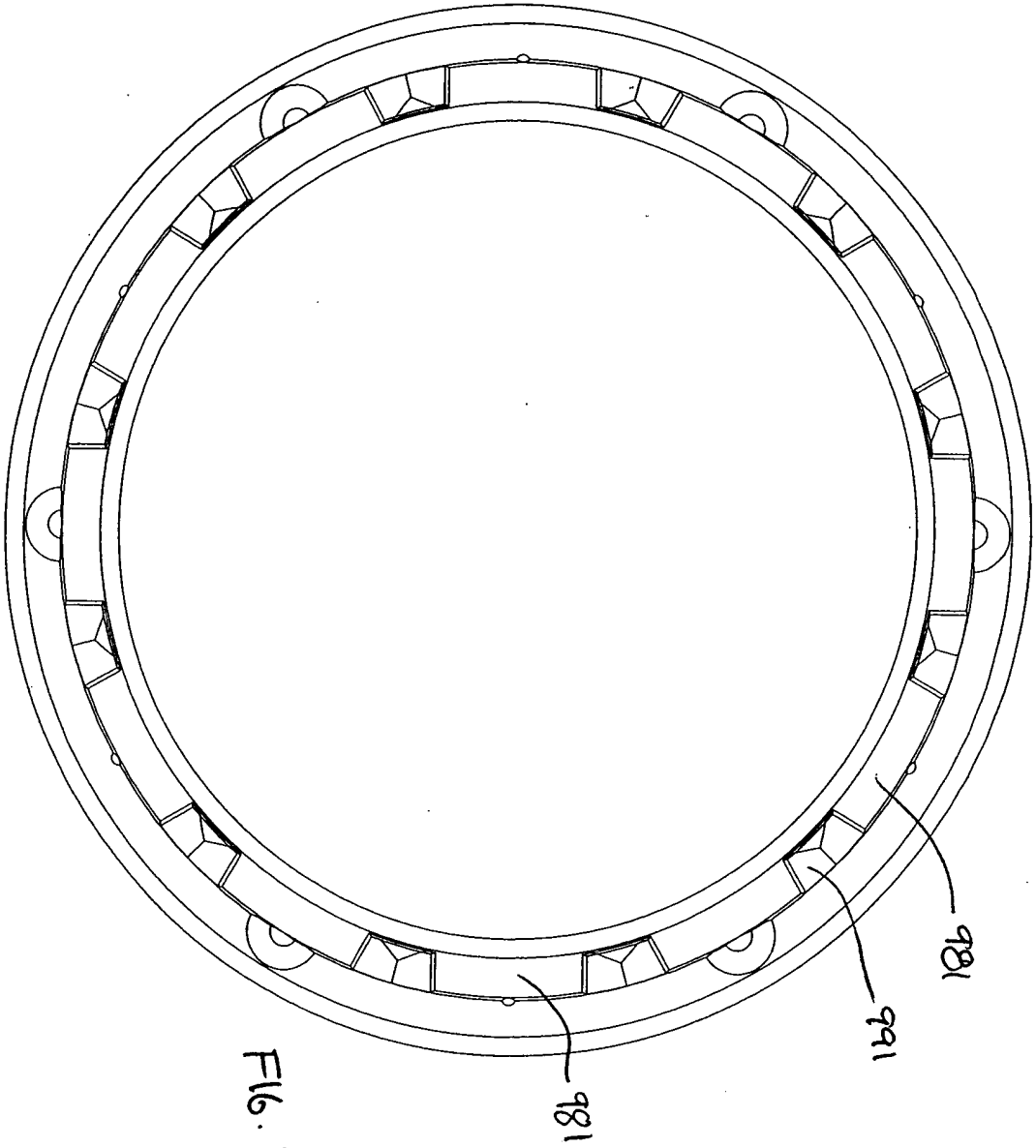
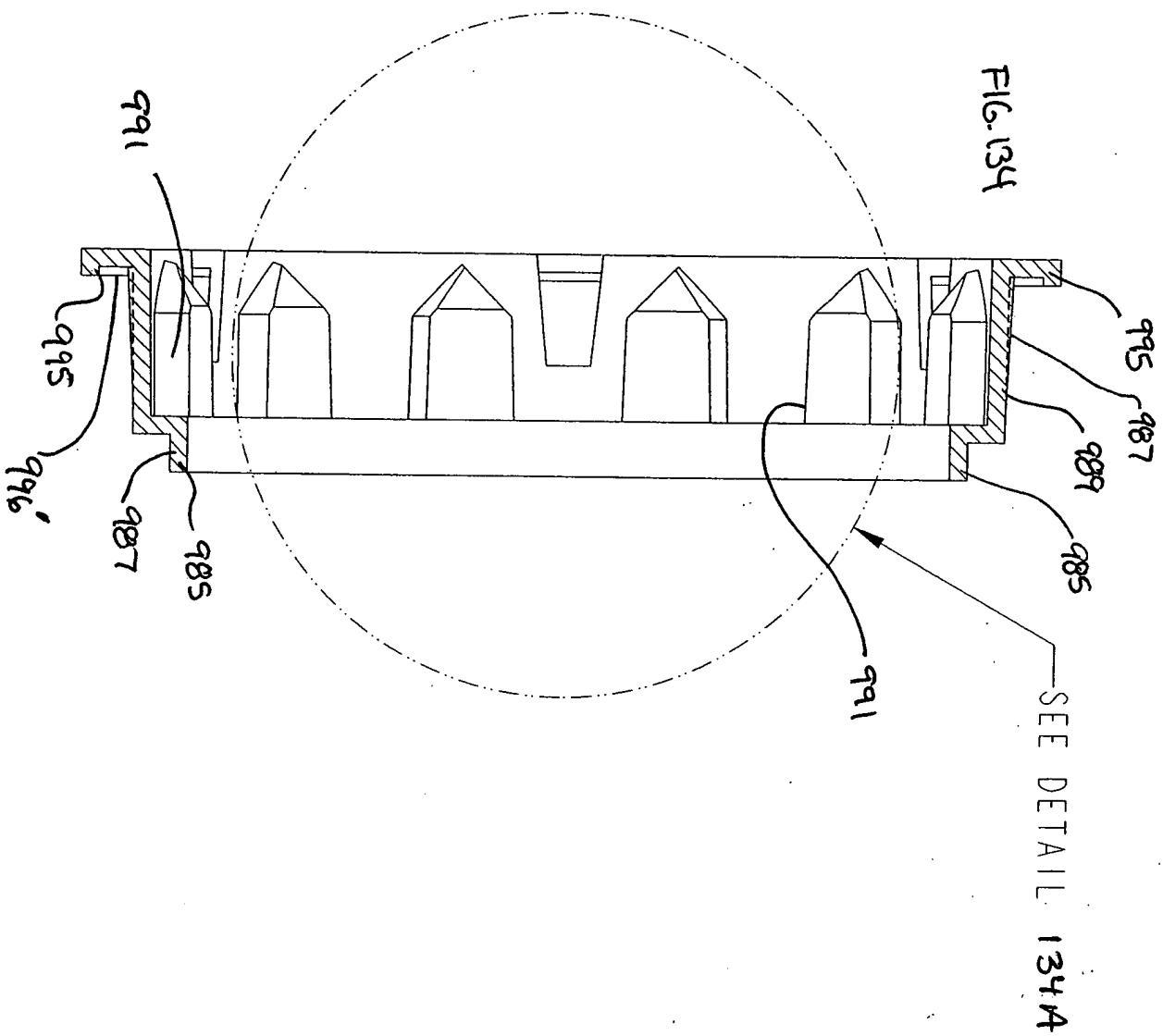


FIG. 133



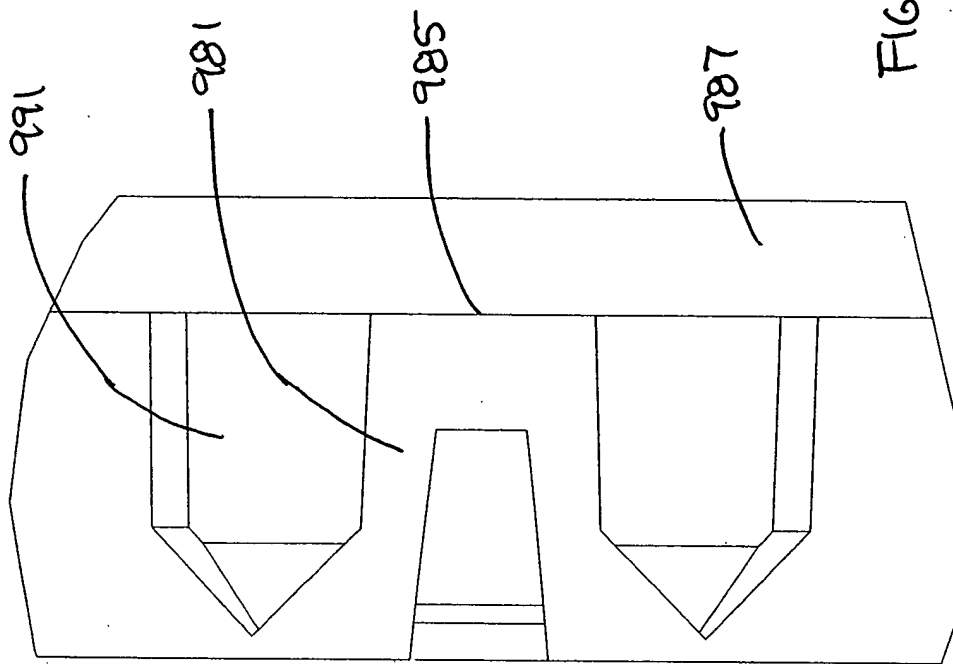
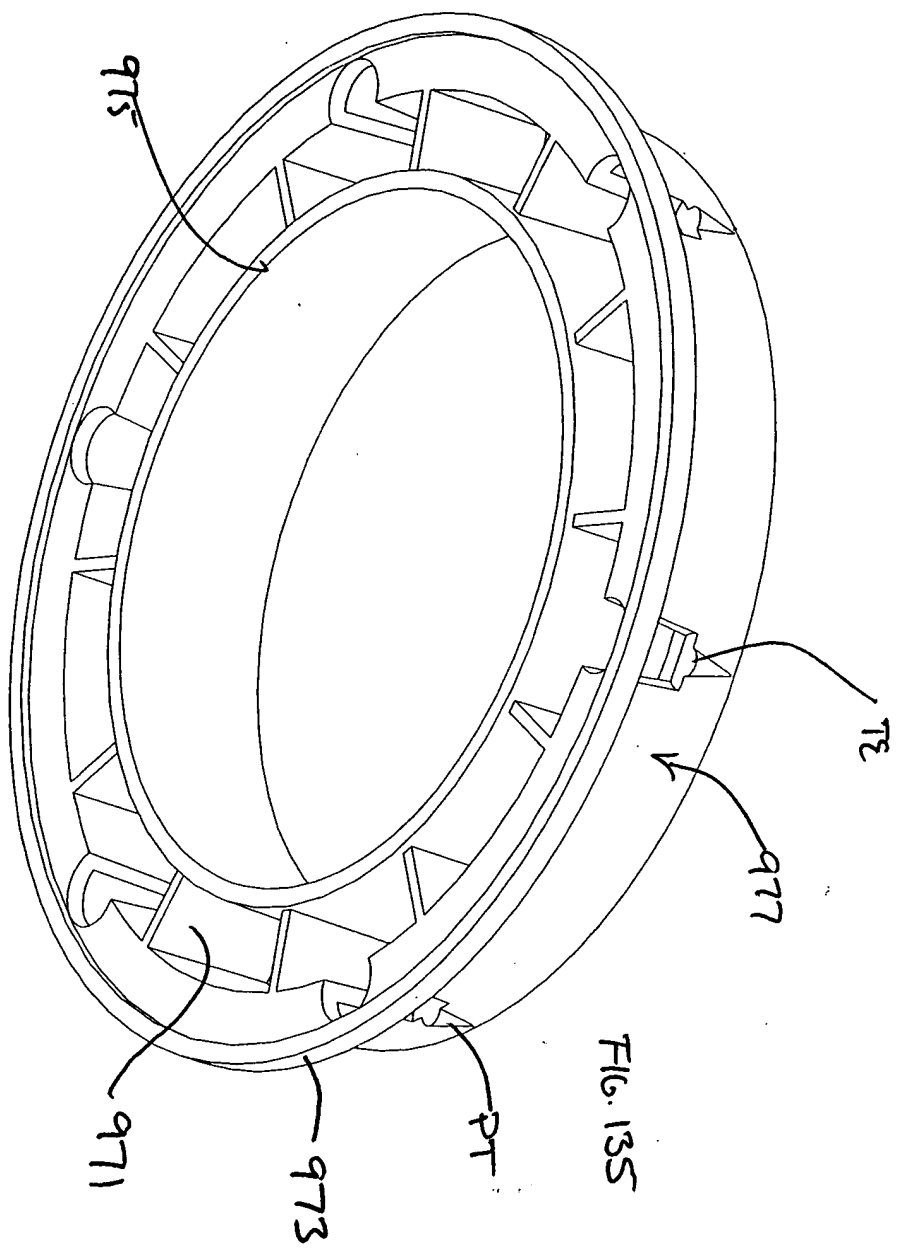
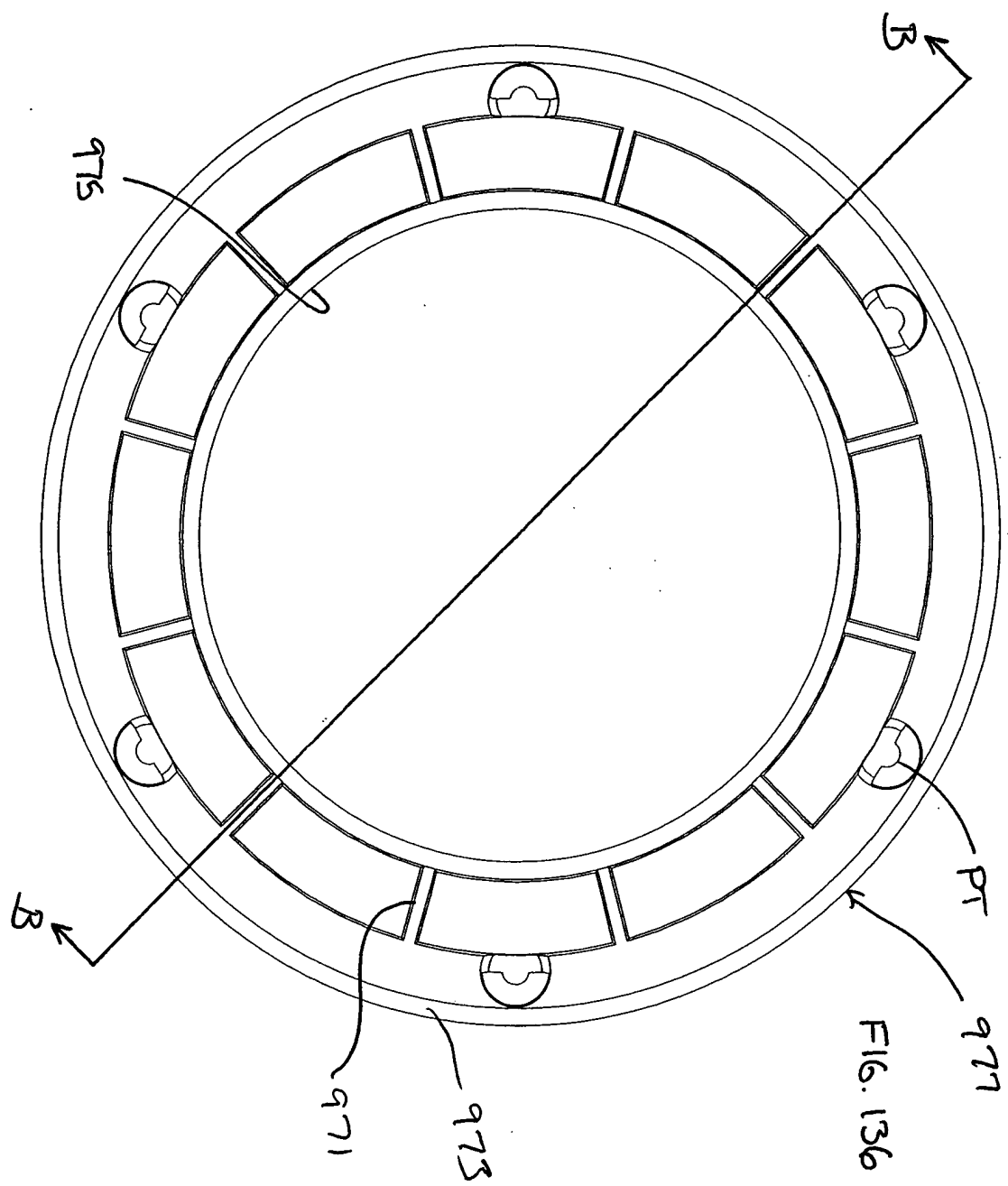


FIG. 134A





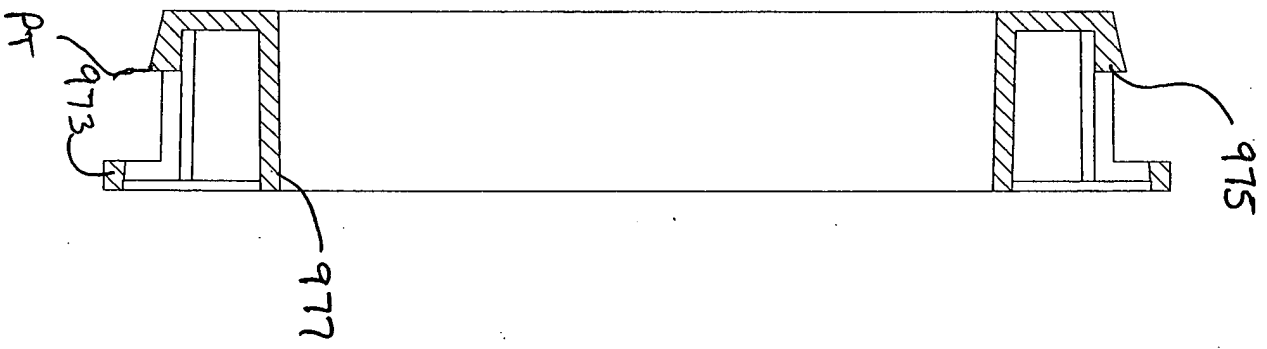


FIG. 137

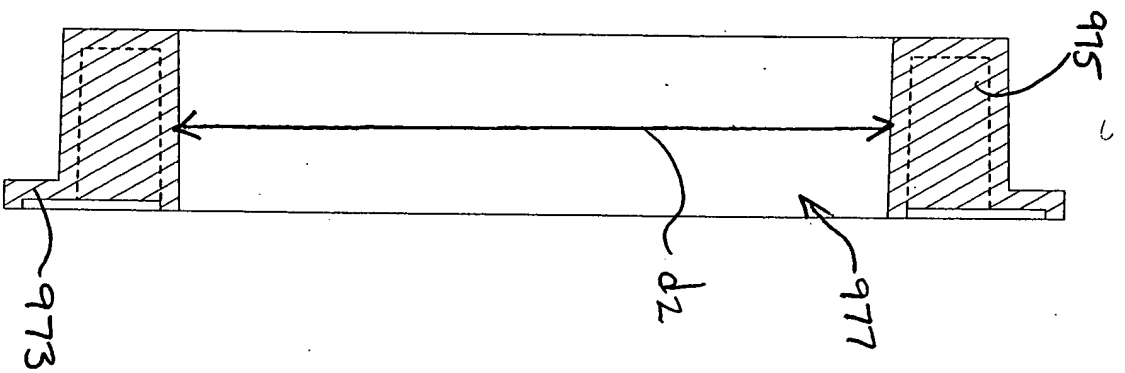
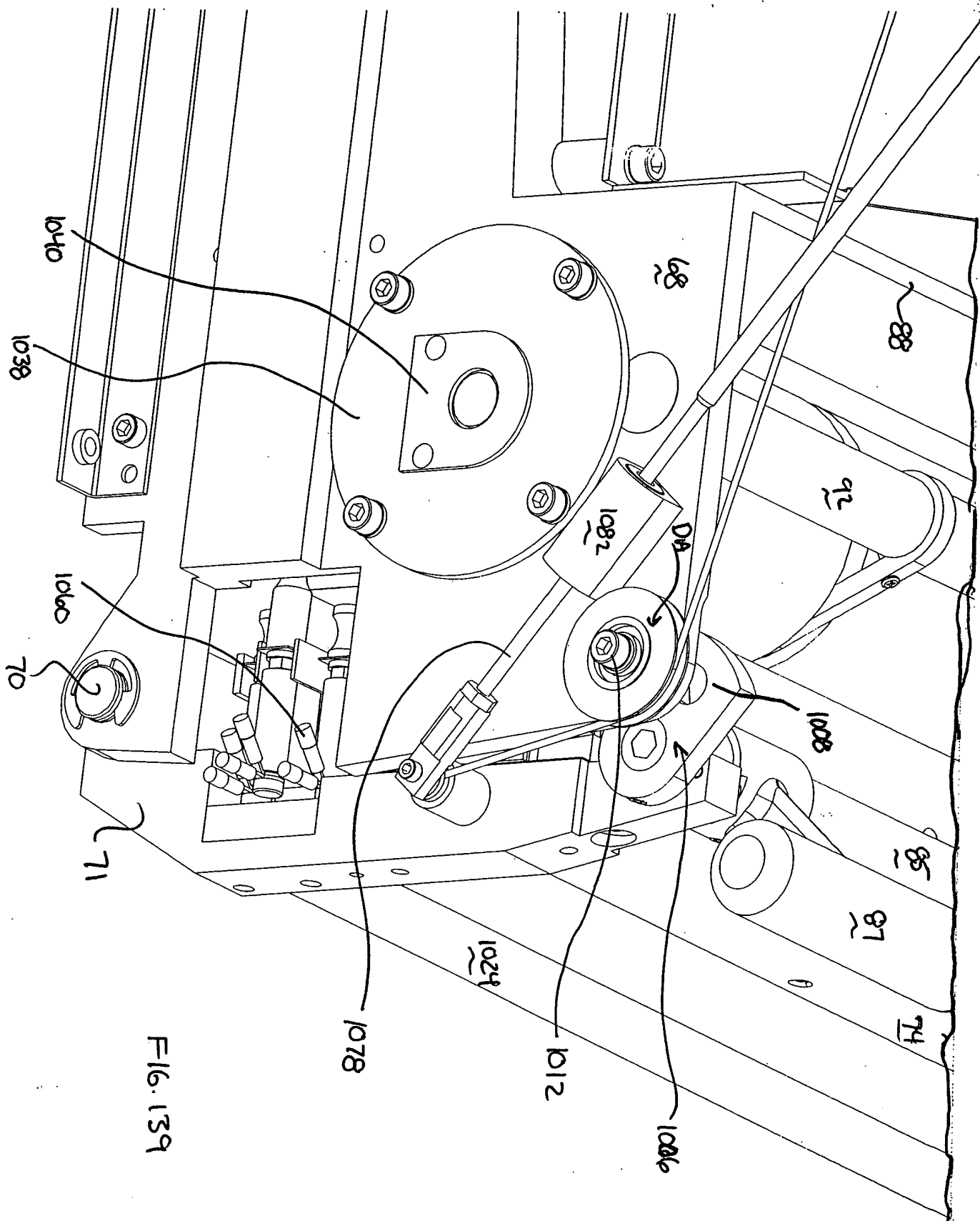
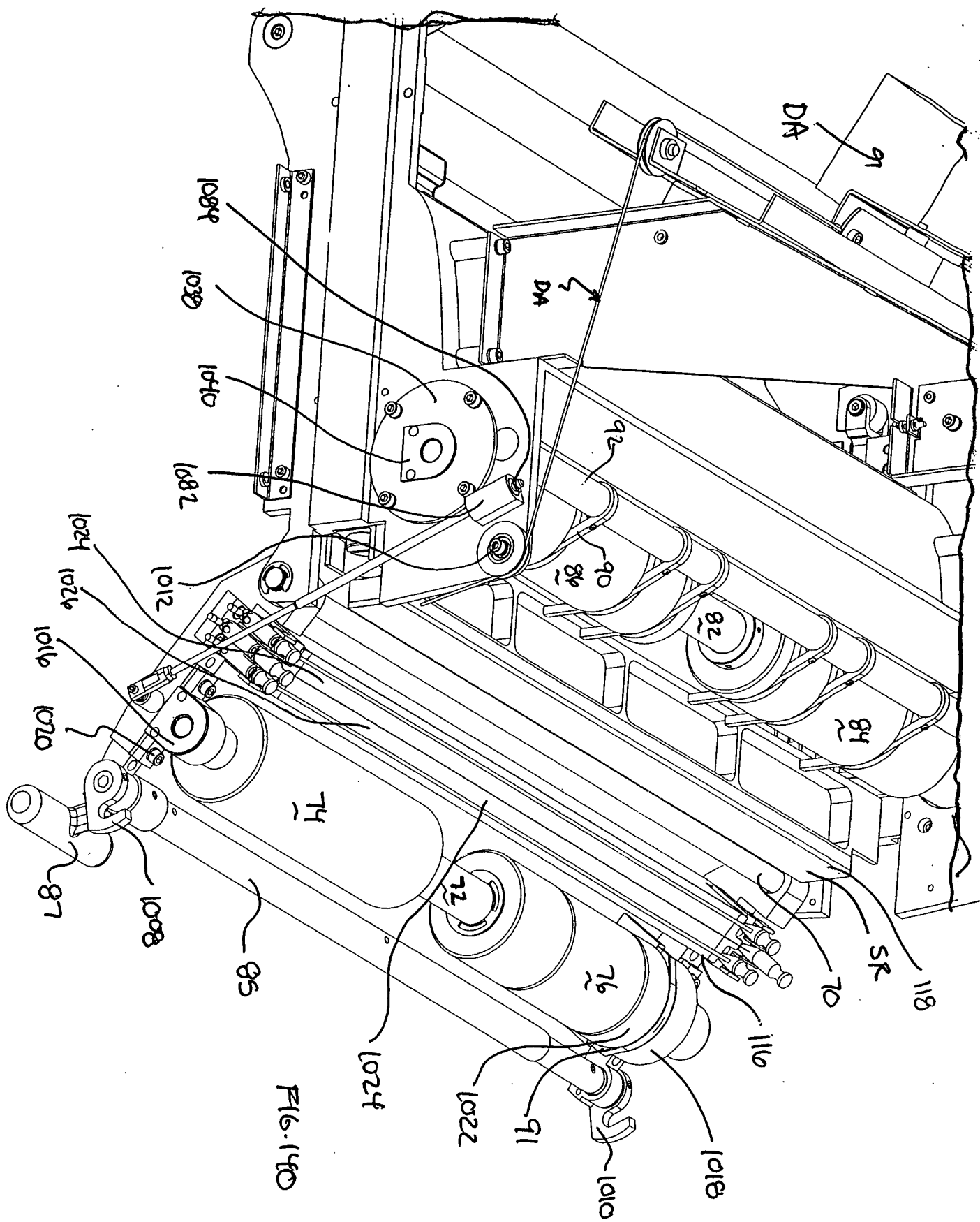


FIG. 138



F16.139



F16.140

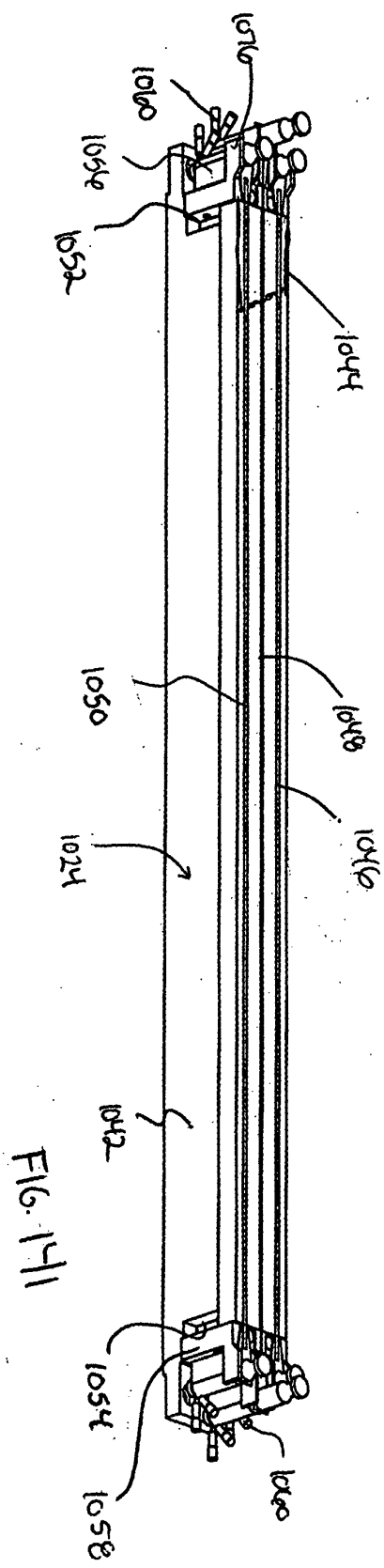


FIG. 141

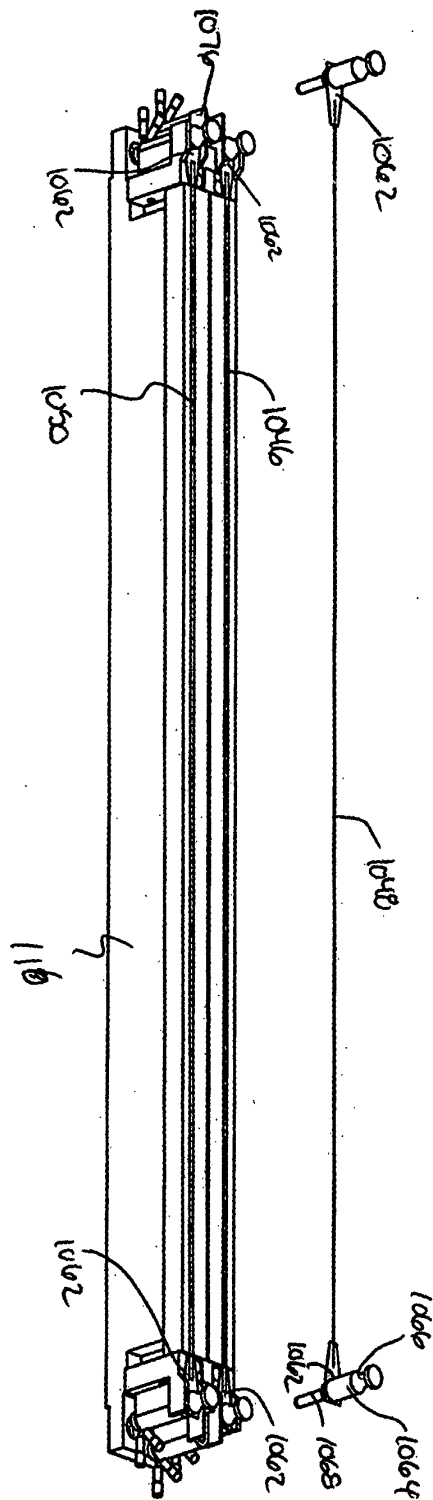


FIG. 142

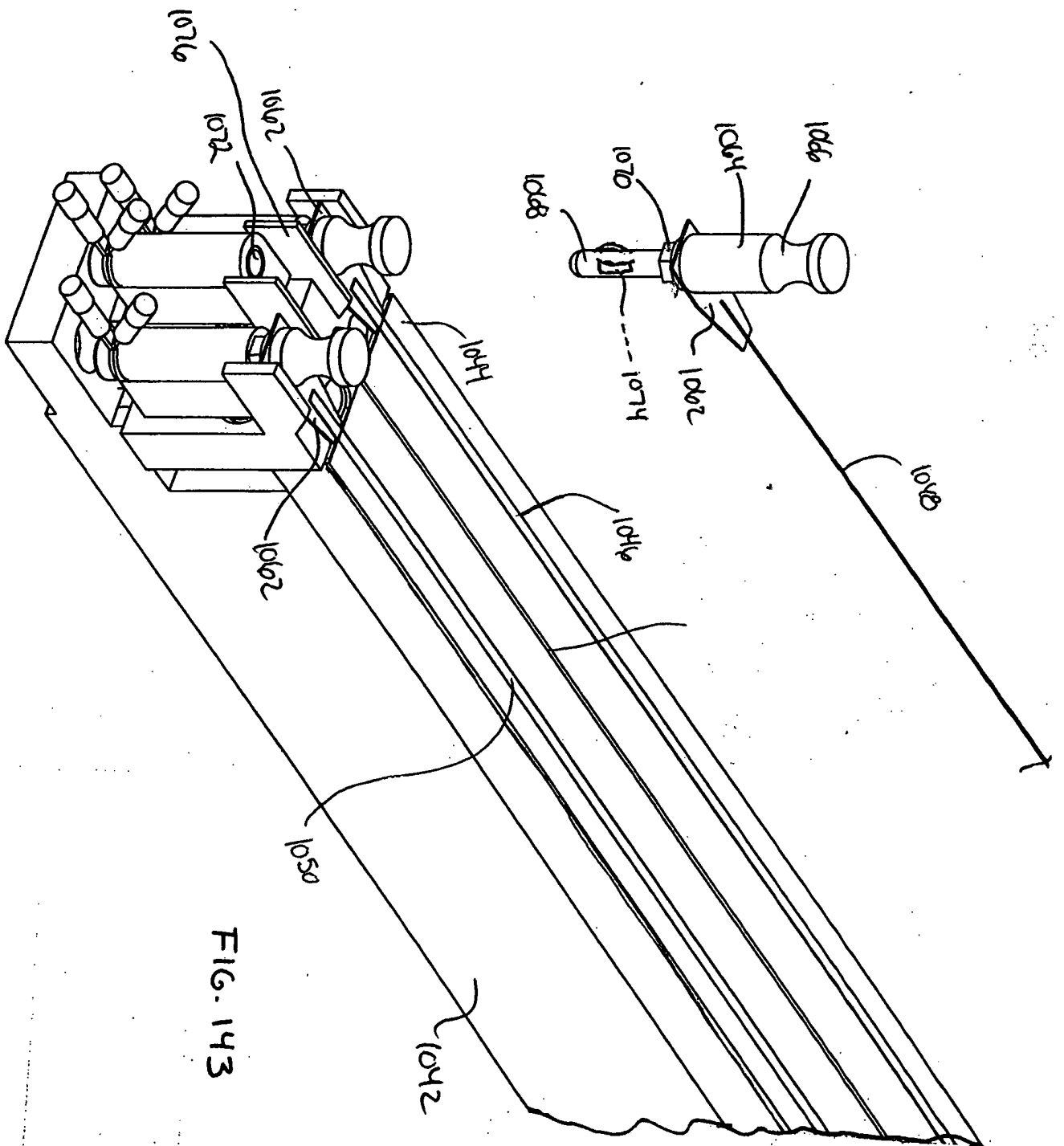
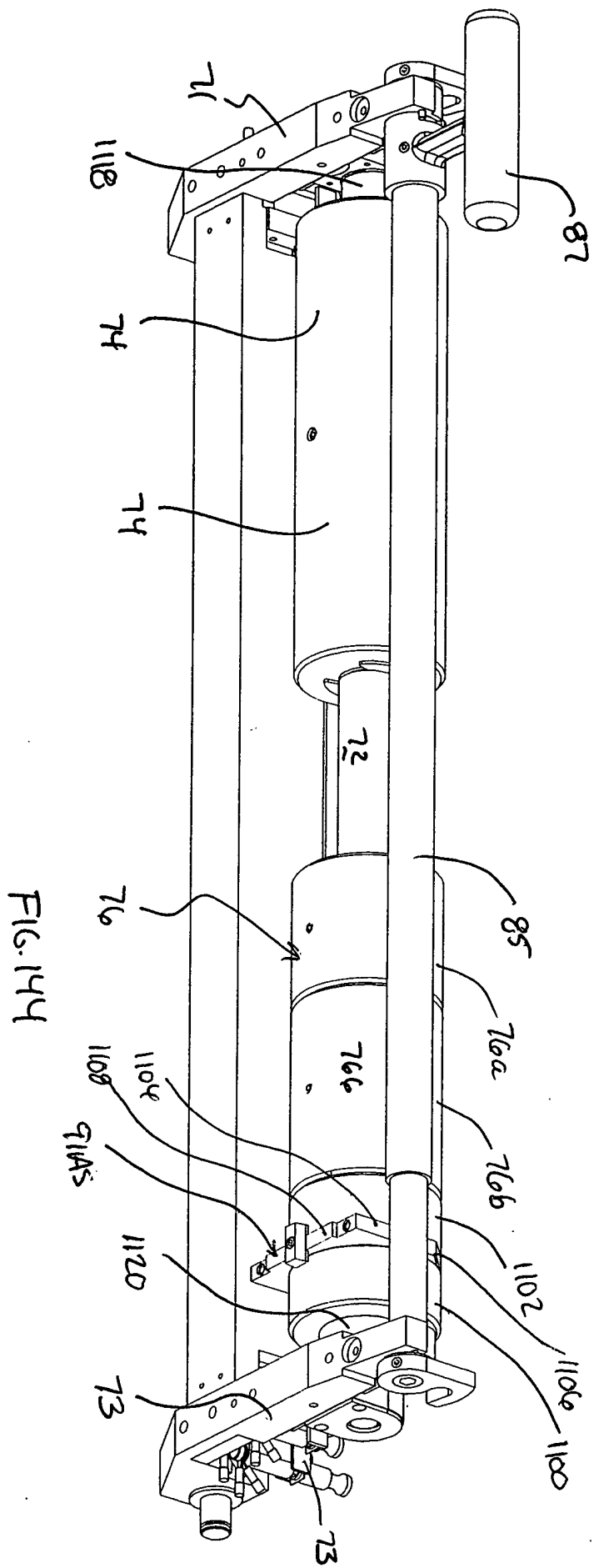


FIG. 143



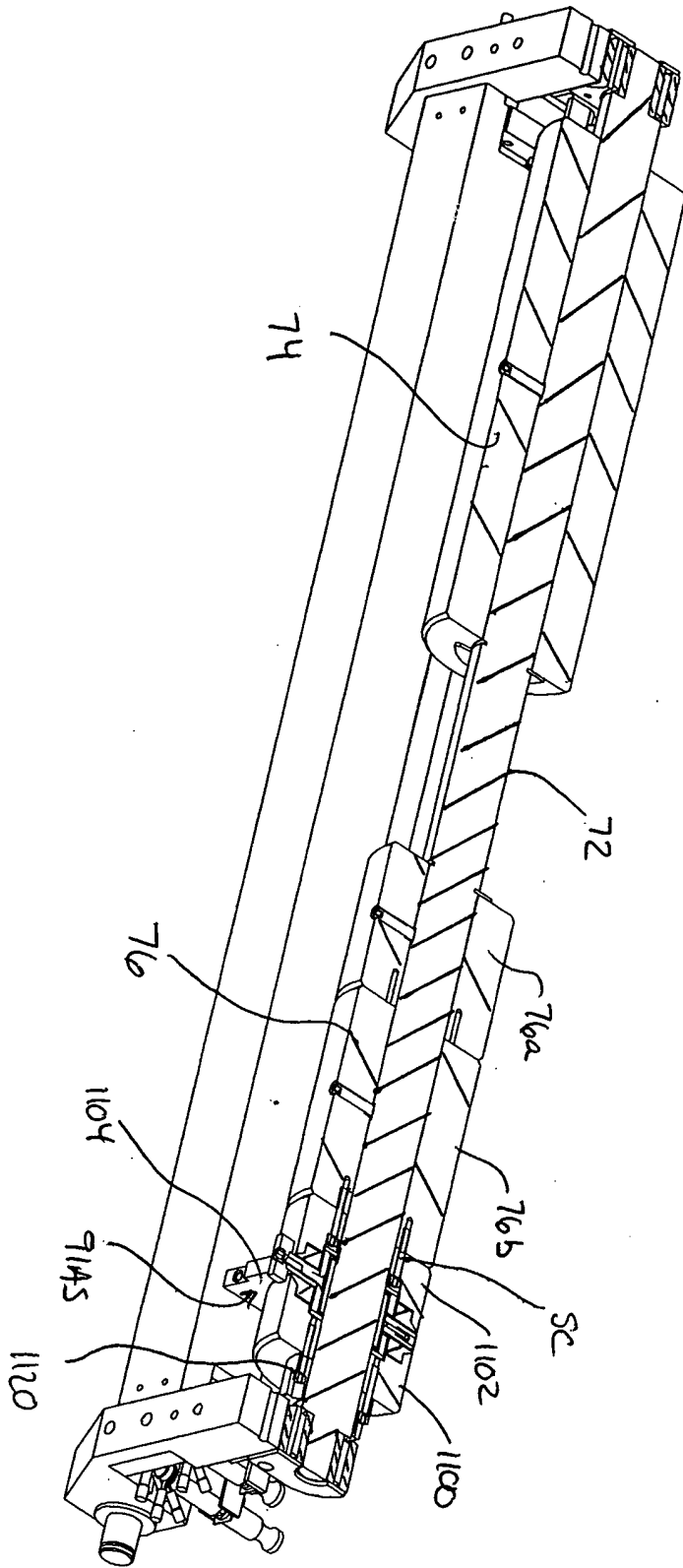


FIG. 145

FIG. 14C

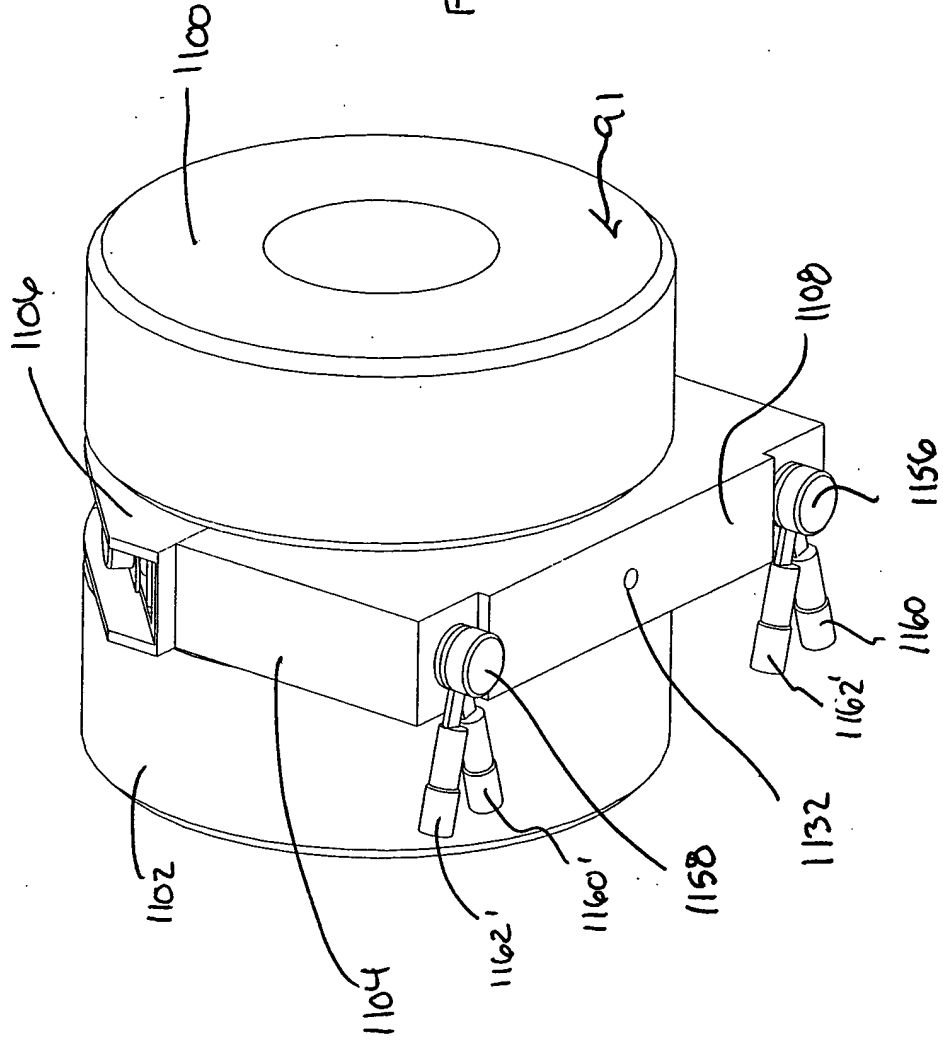


FIG. 146A

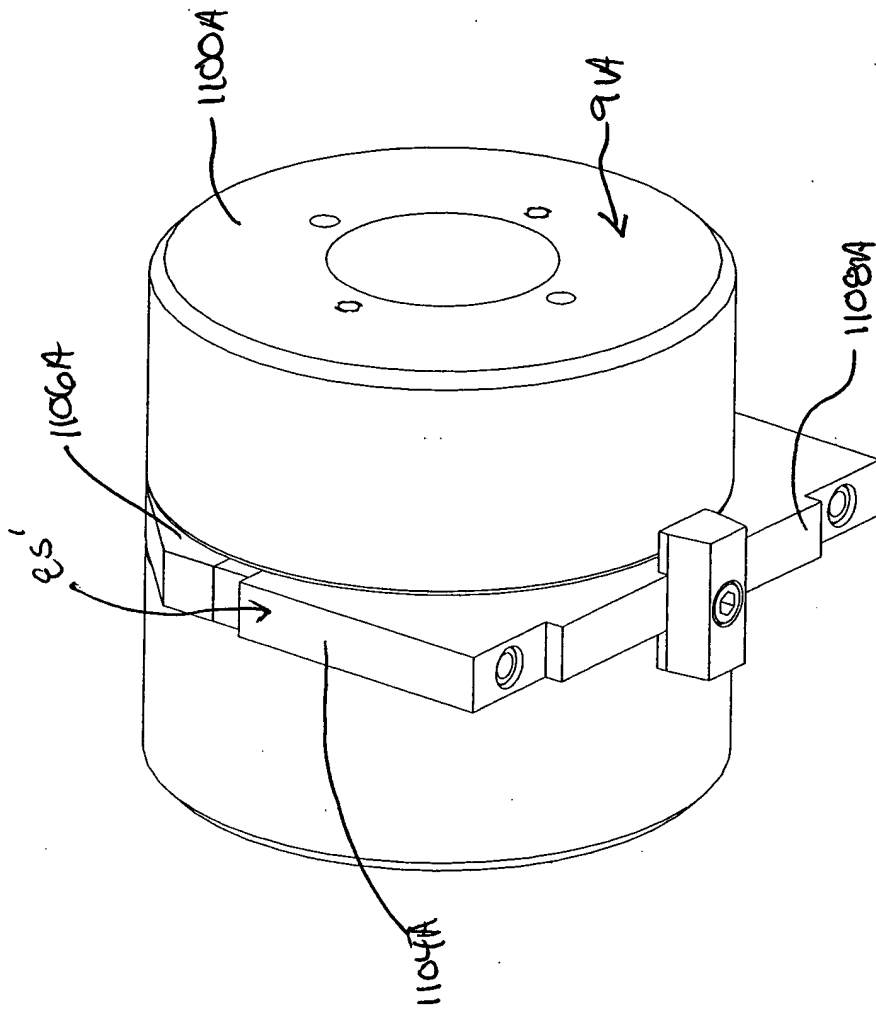


FIG. 147

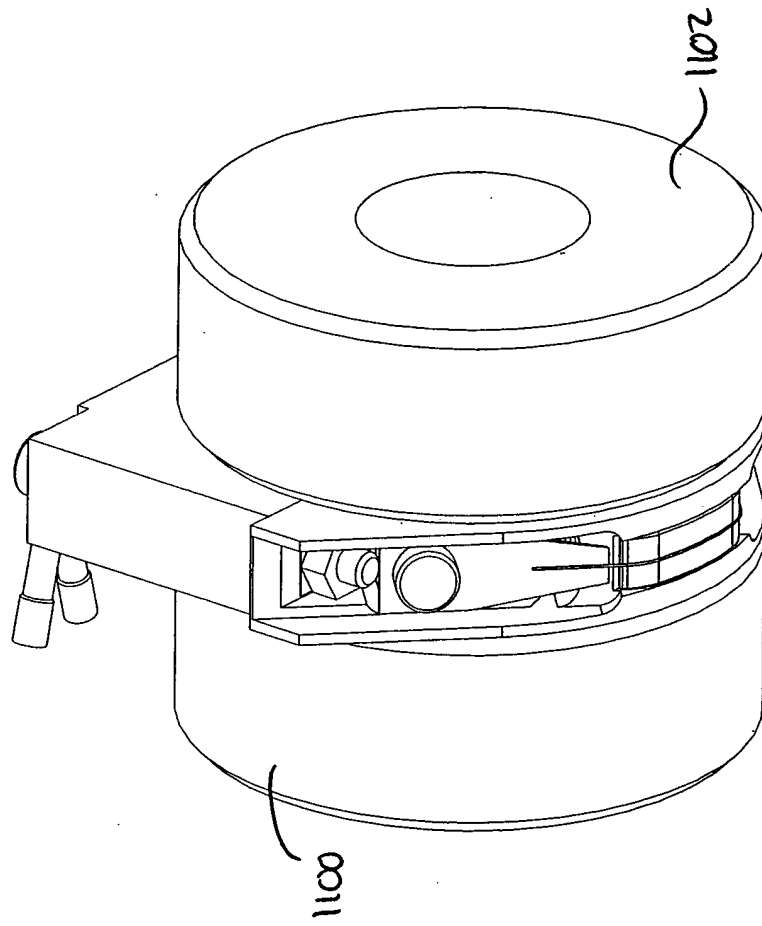
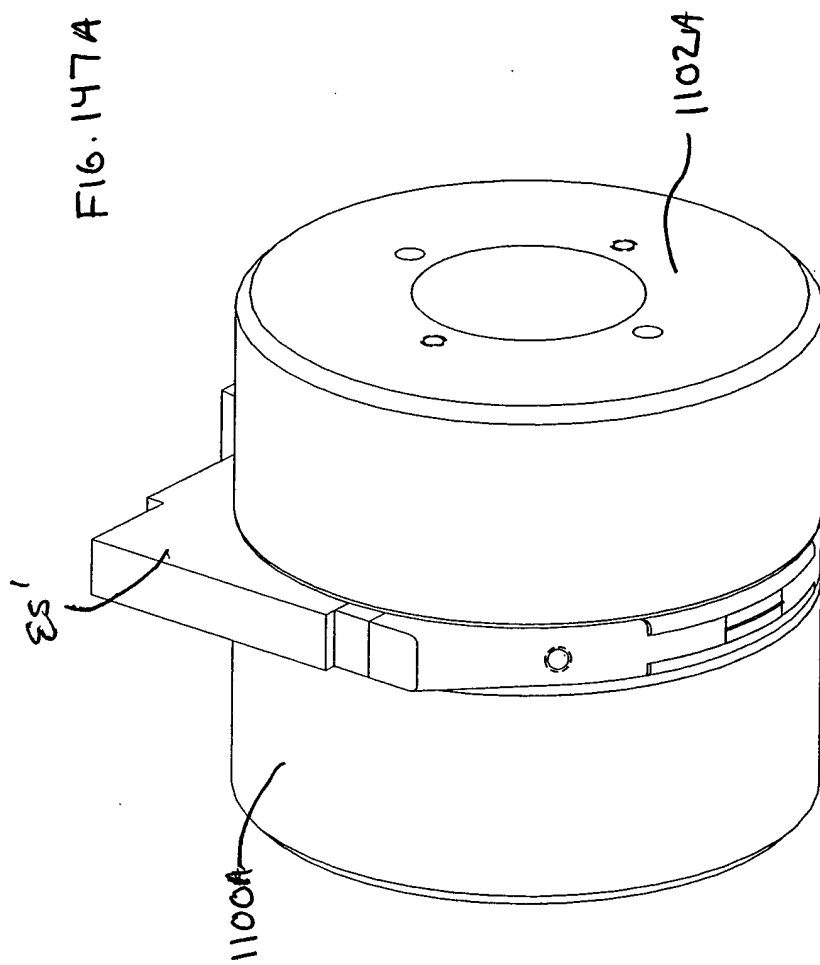
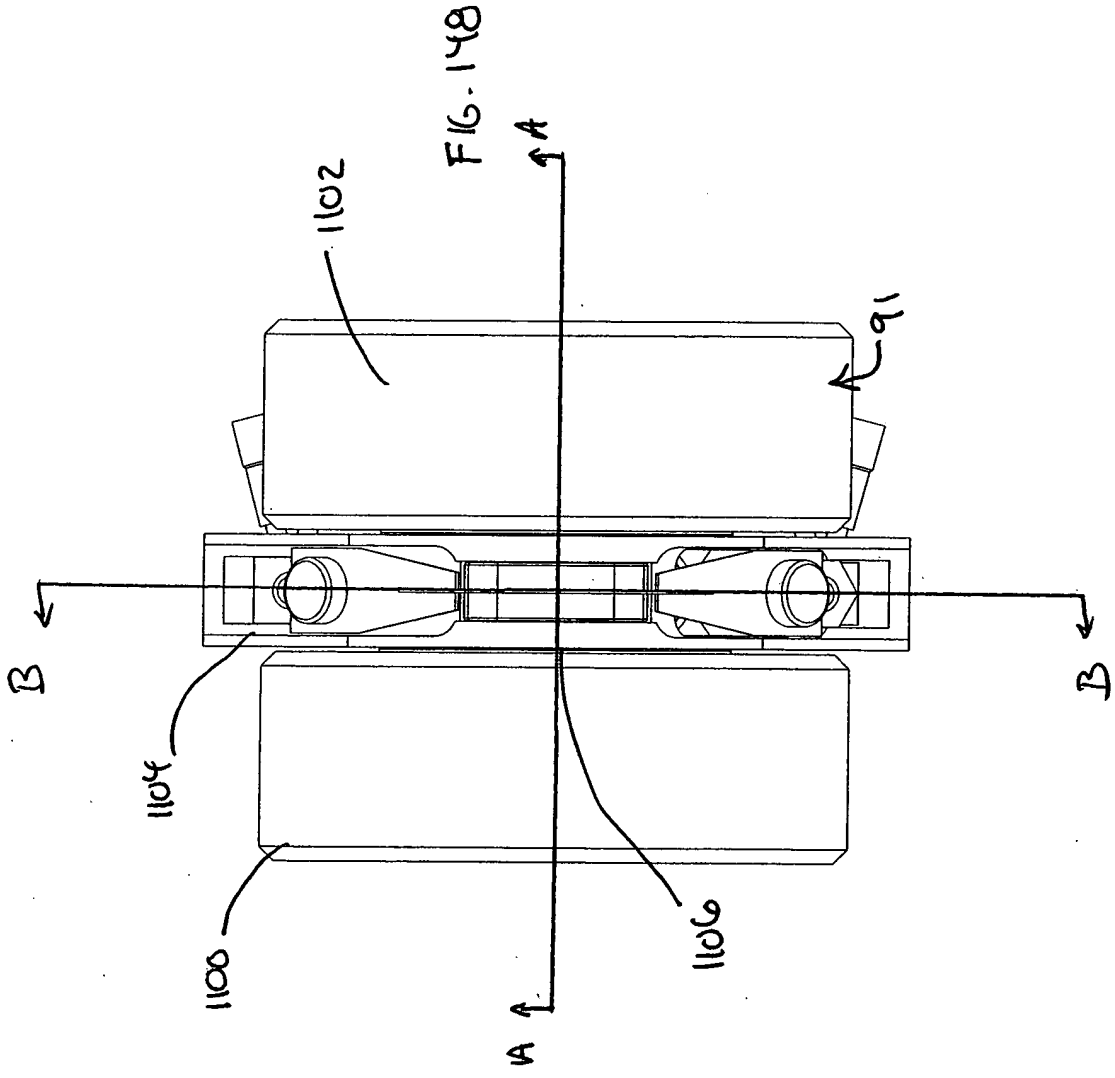


FIG. 147A





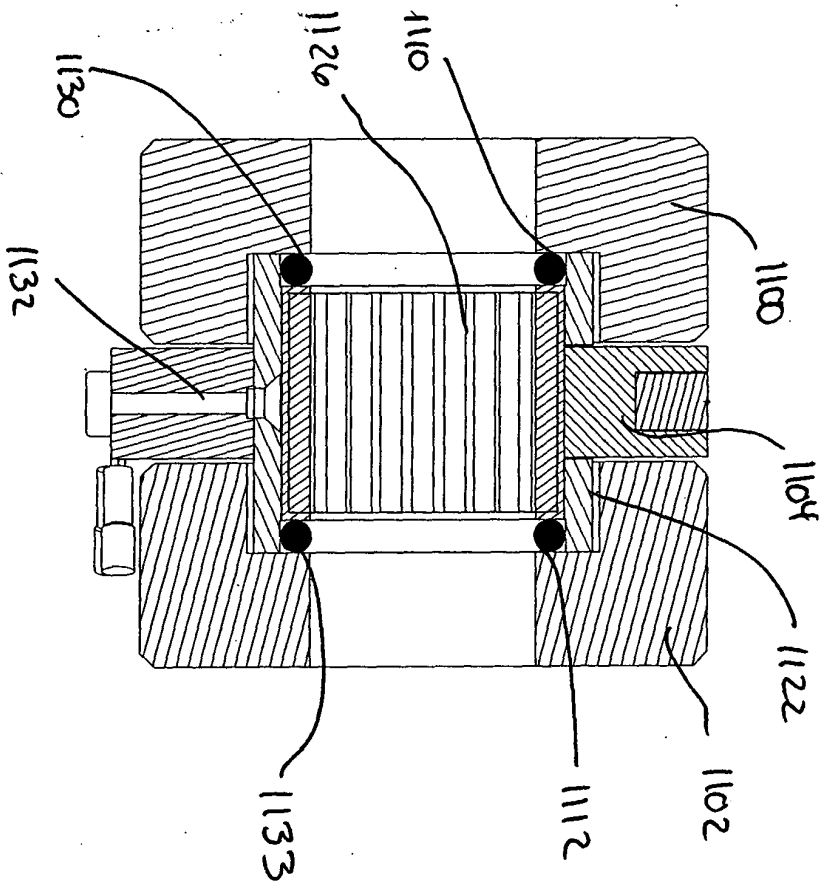


FIG. 149

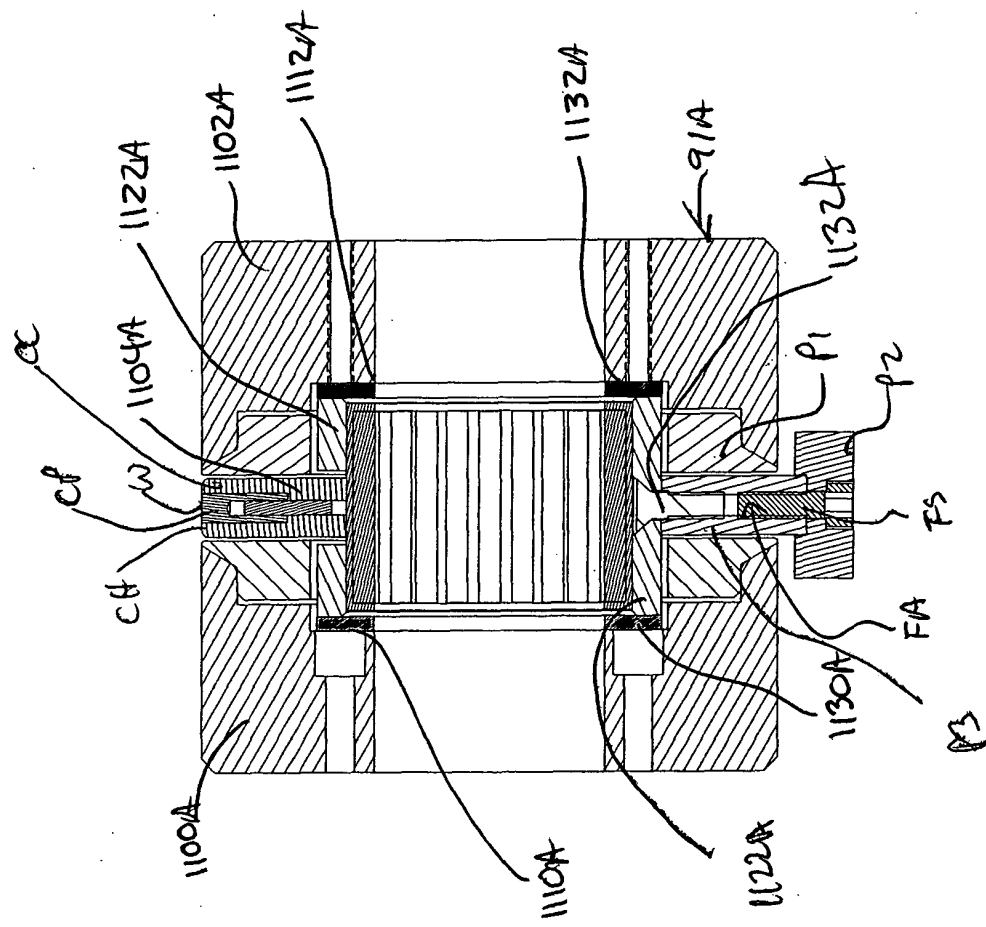


FIG. 149A

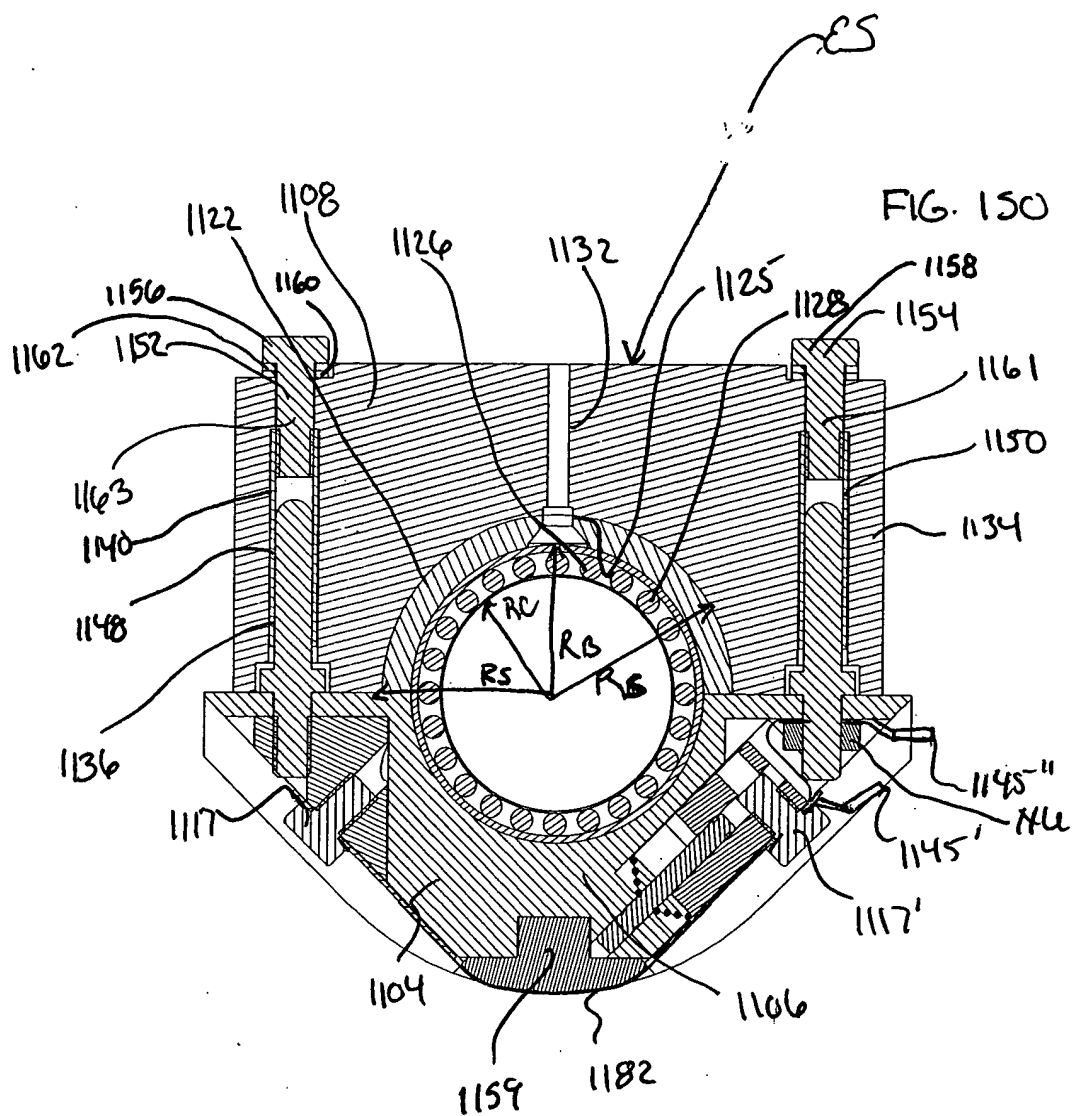
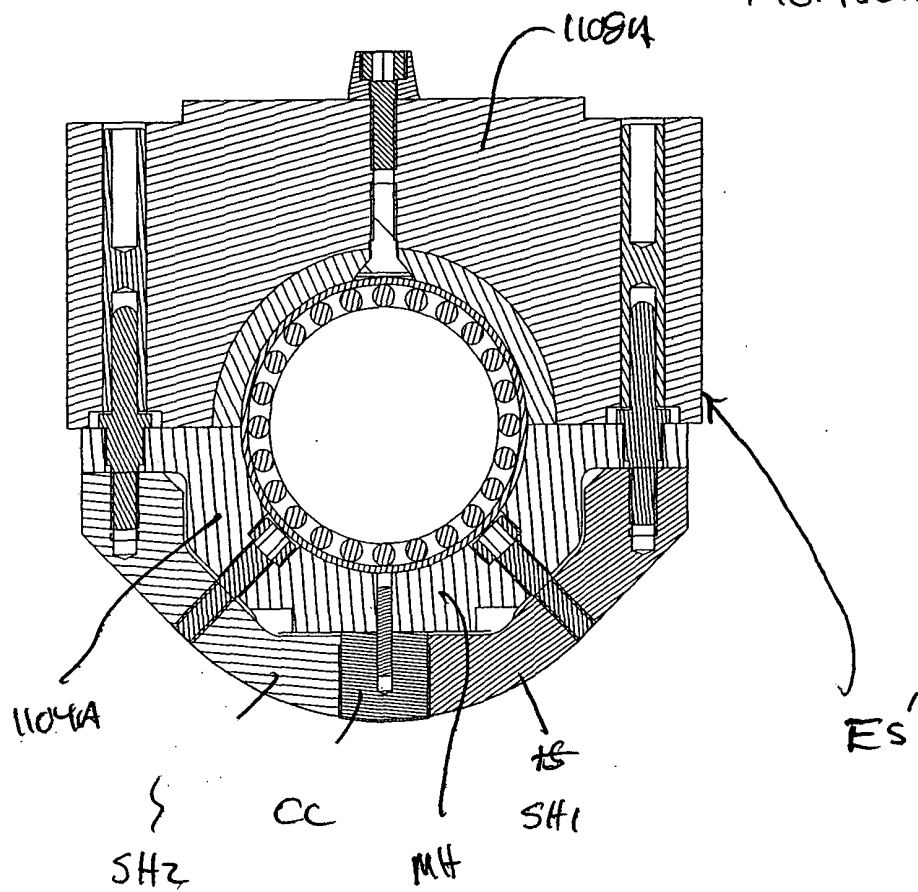


FIG. 1504



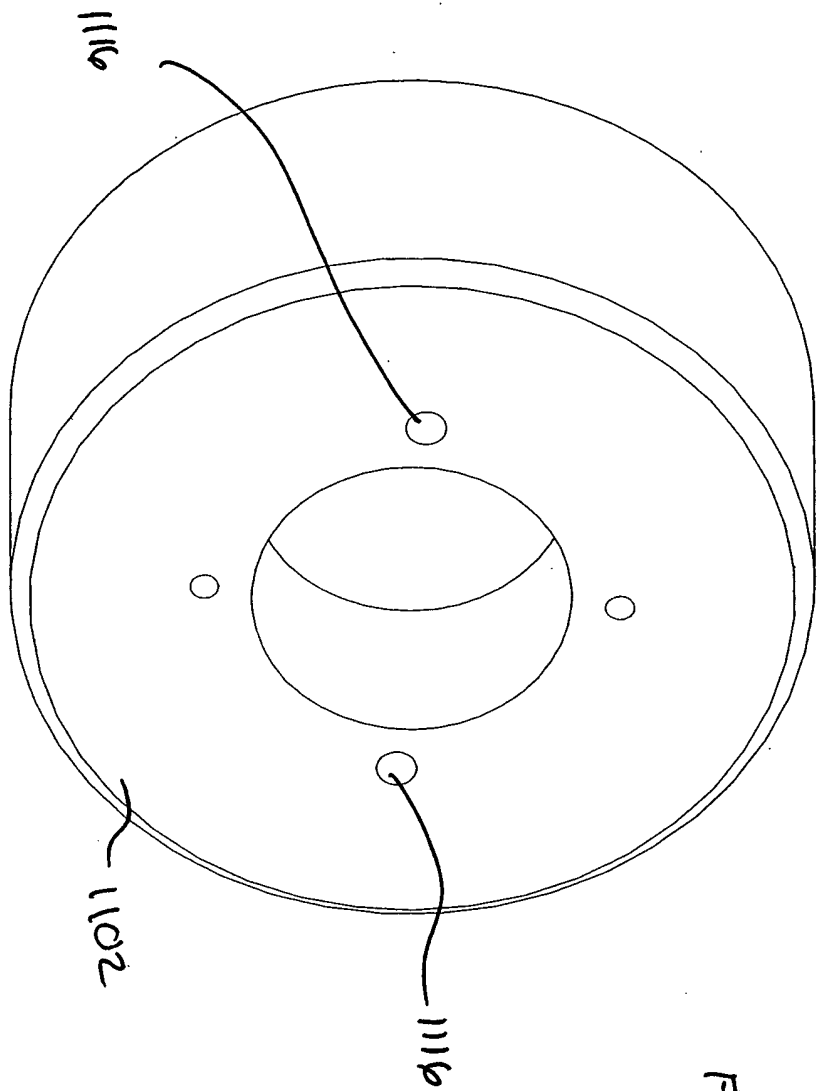
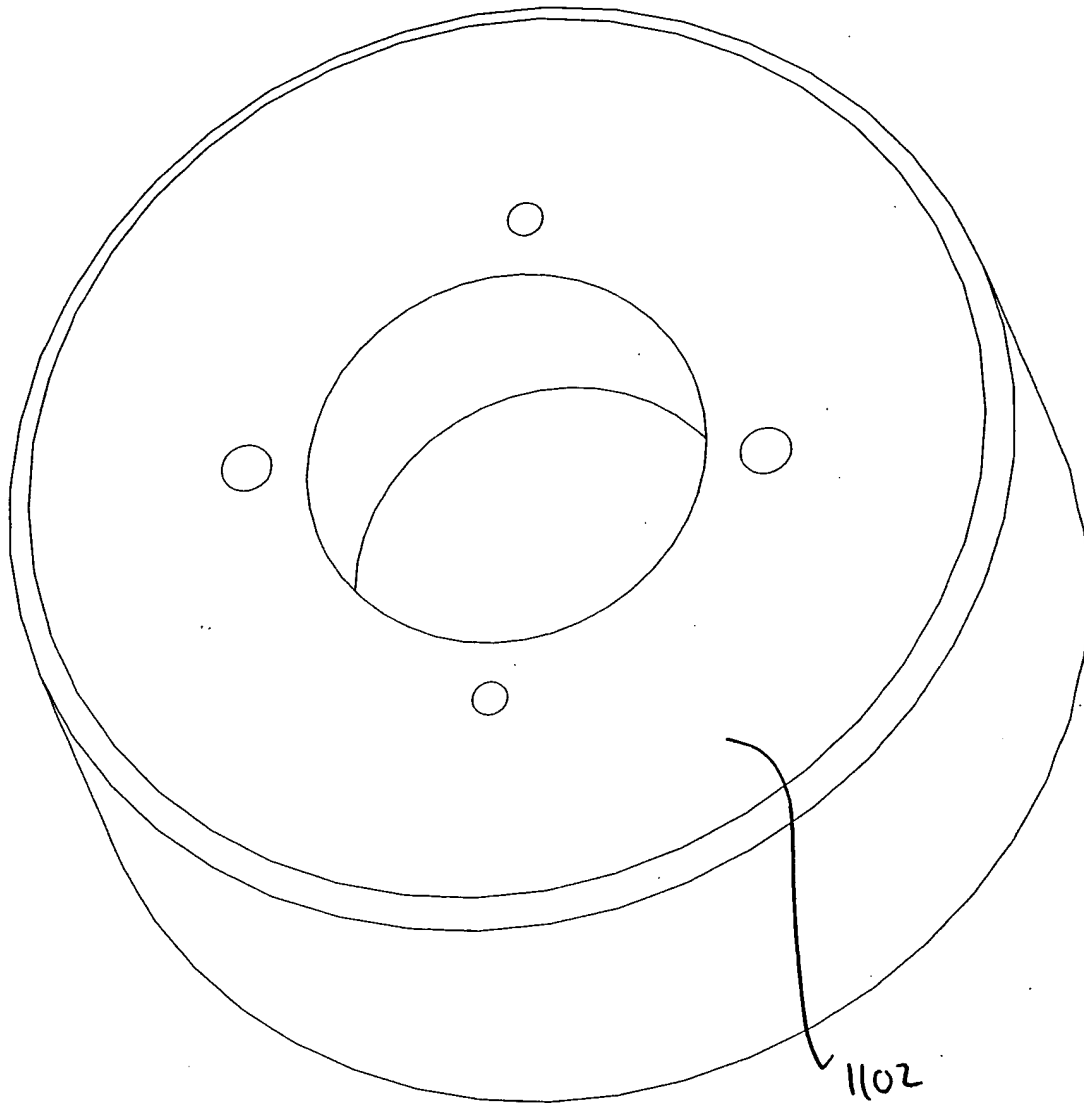


FIG. 151

FIG. 151A



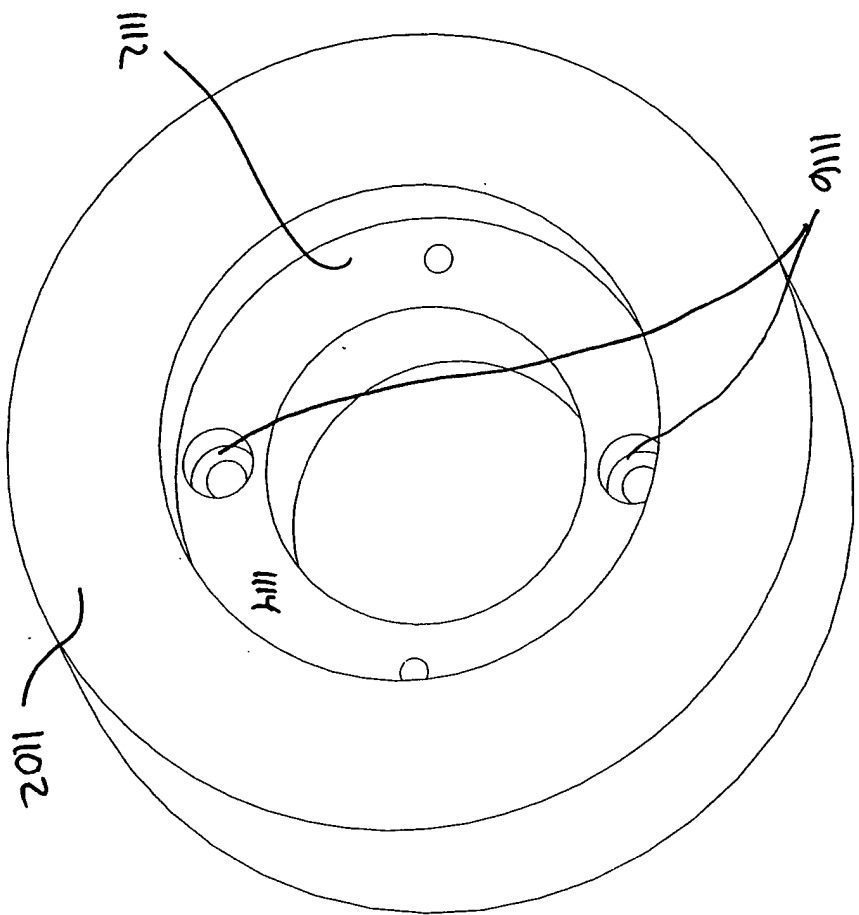
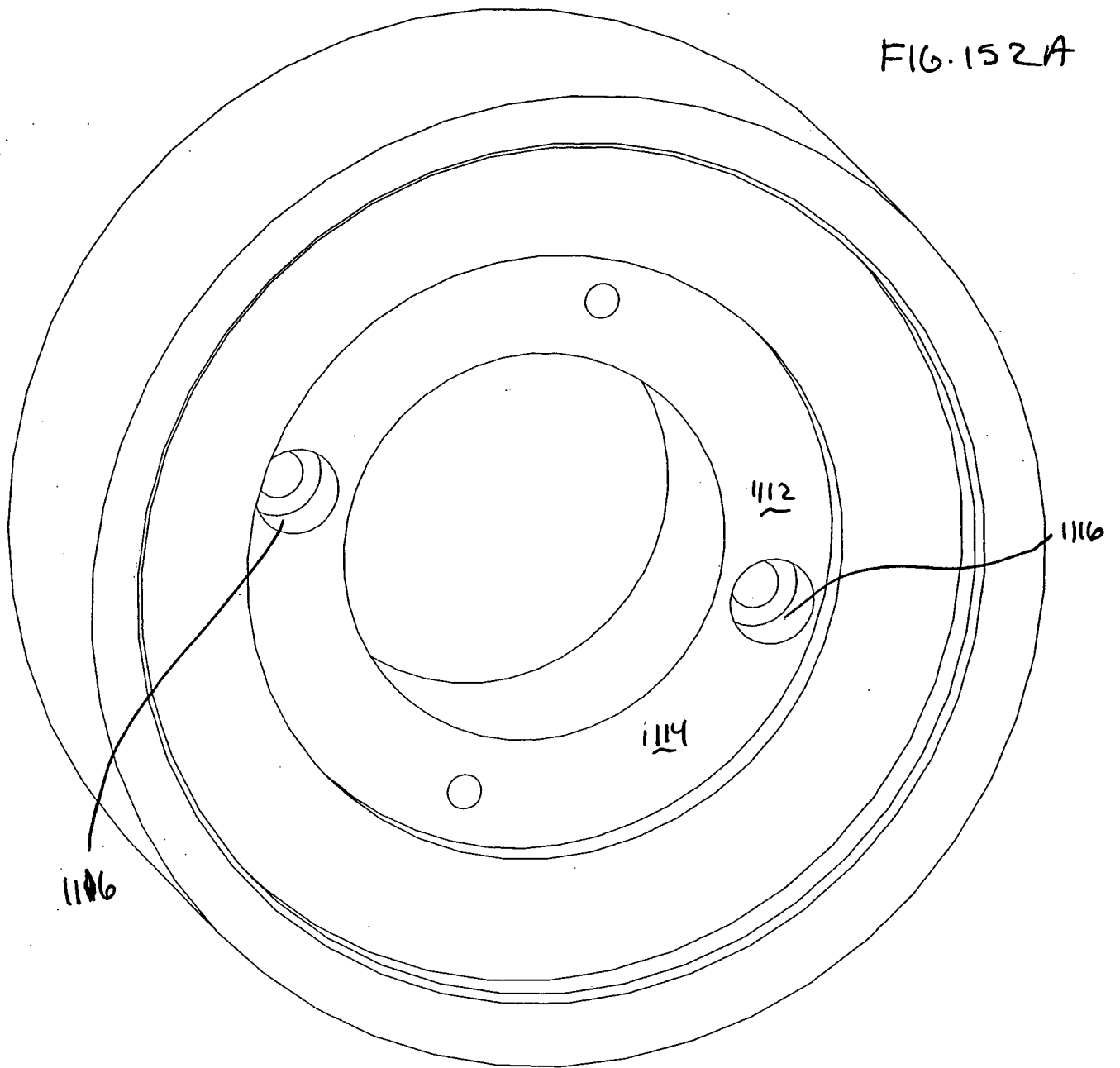


FIG. 152

FIG. 152A



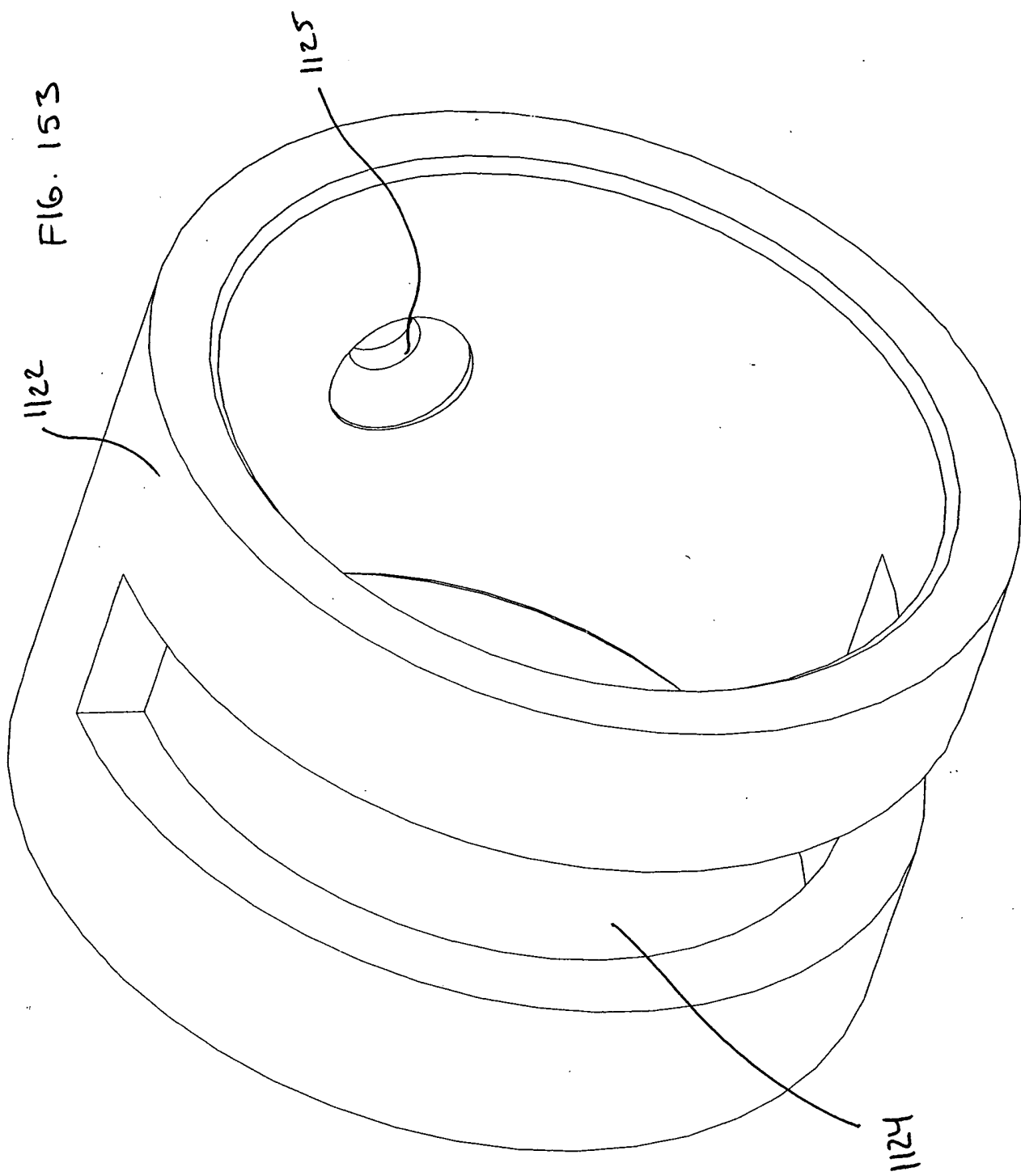
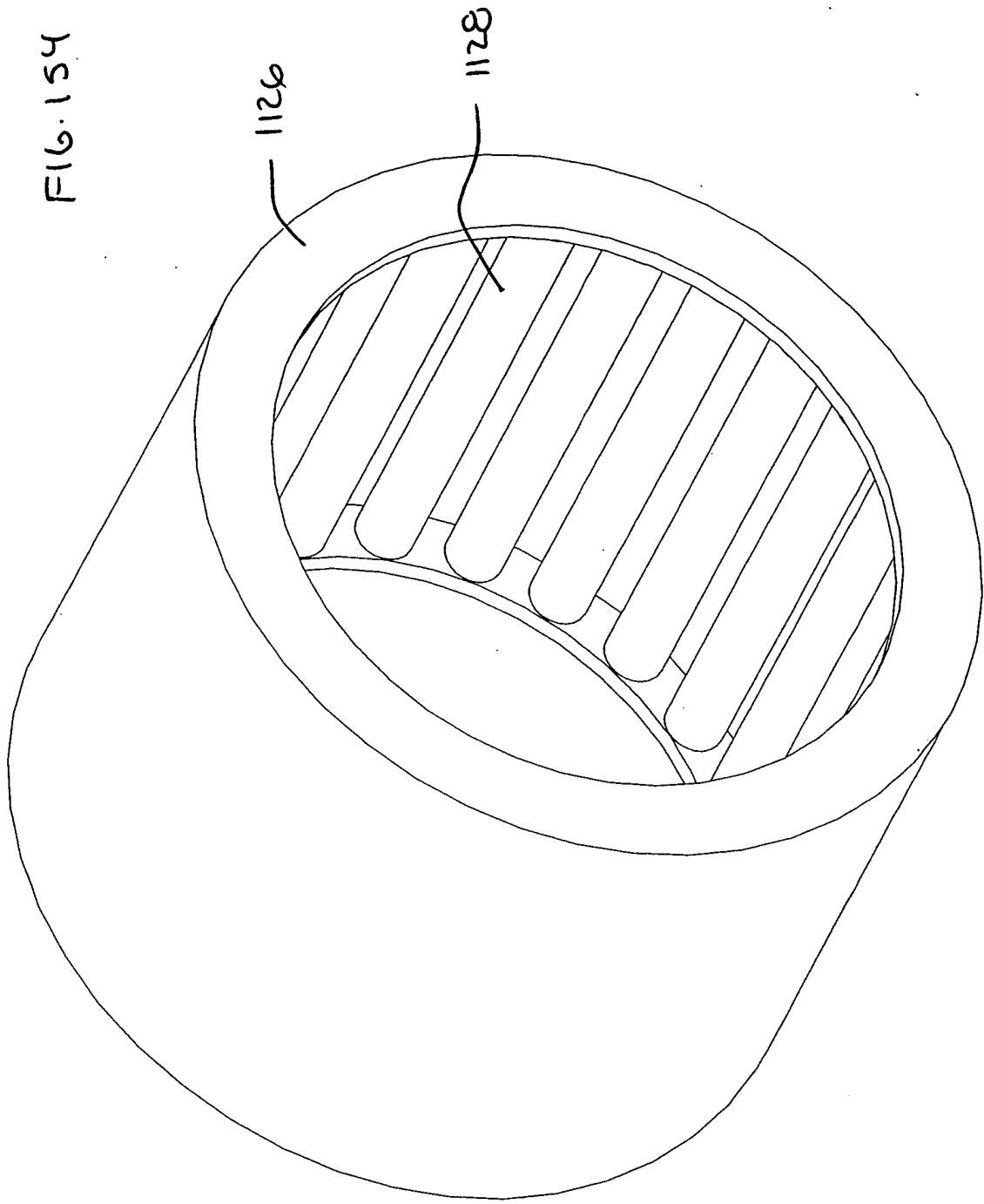


FIG. 153

FIG. 154



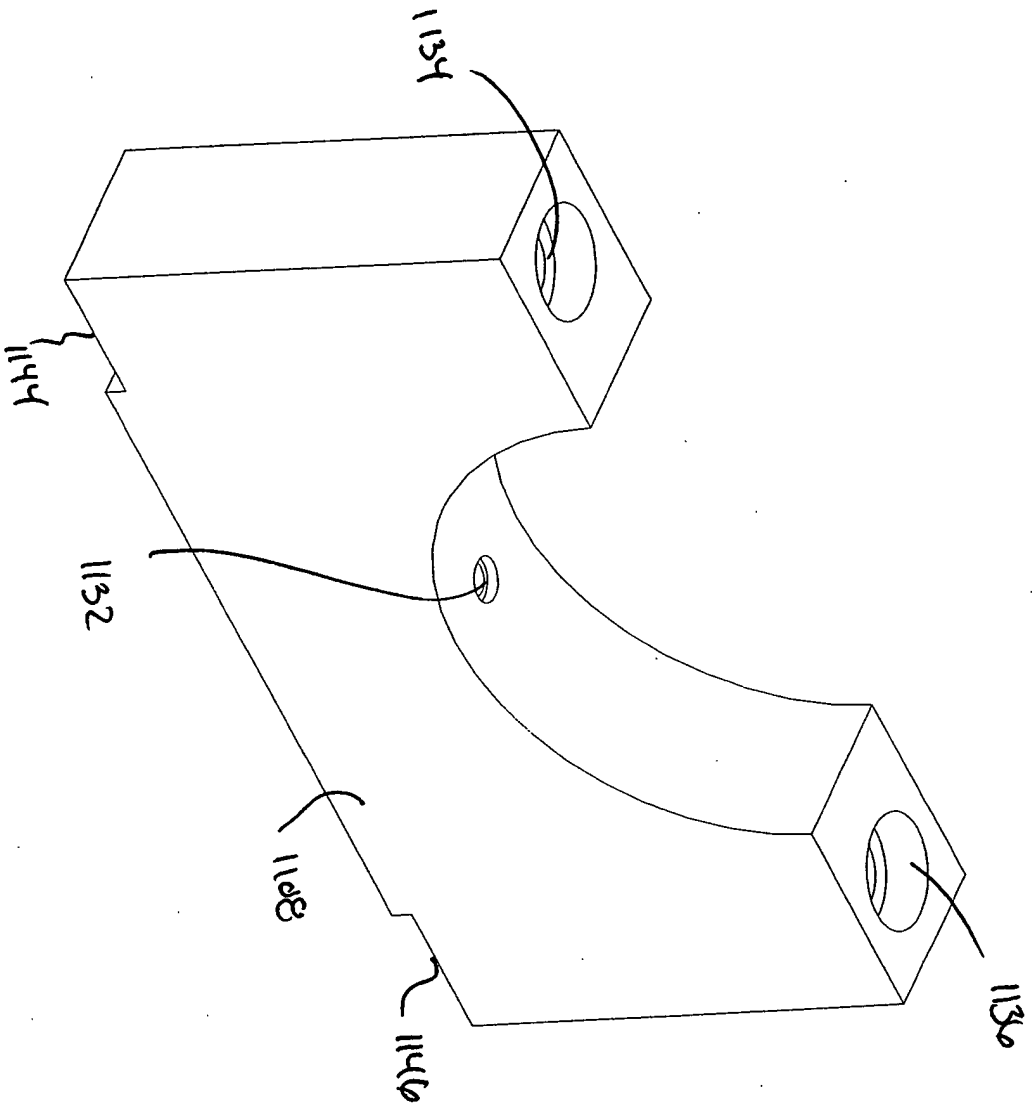


FIG. 155

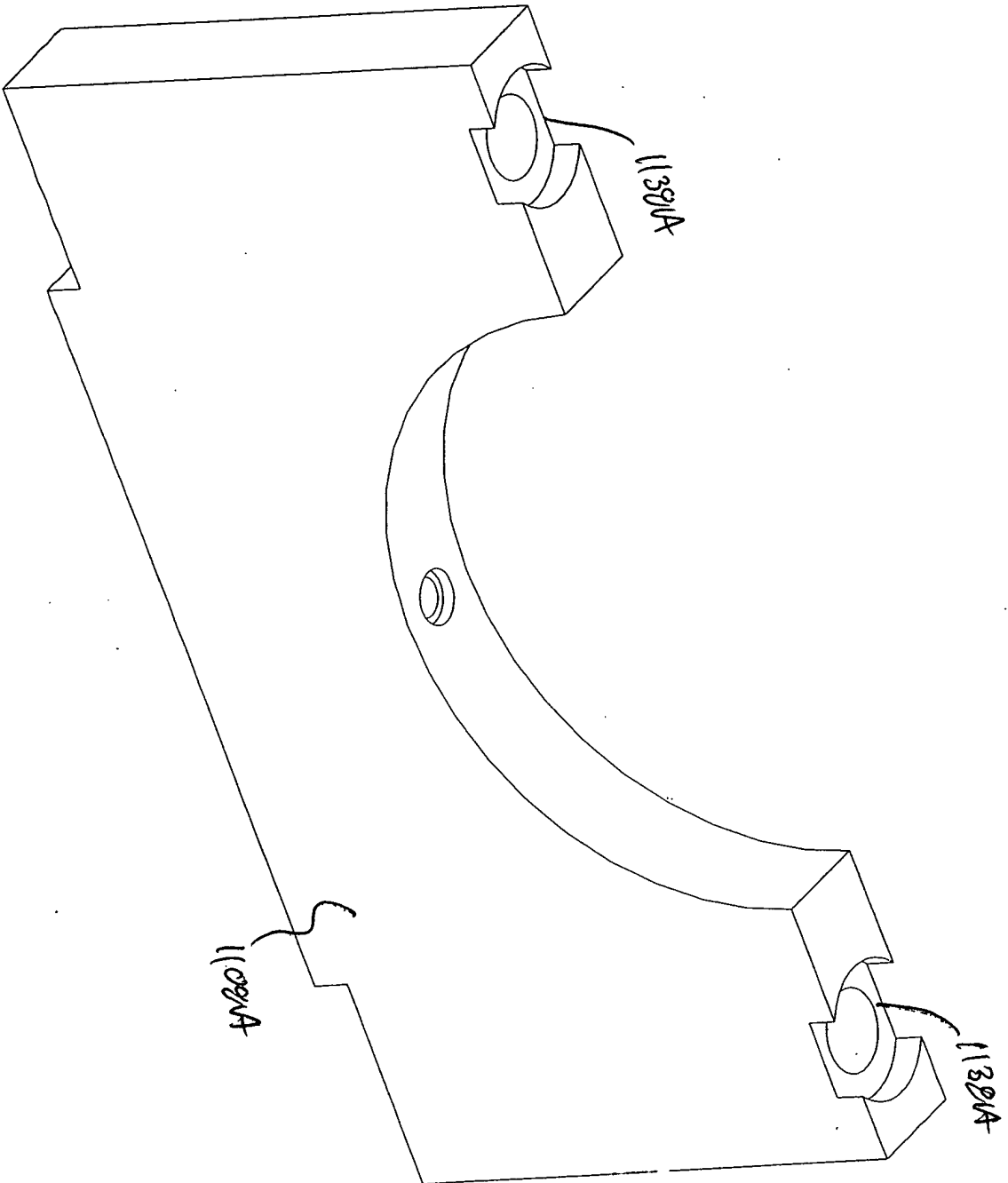


FIG. 1551A

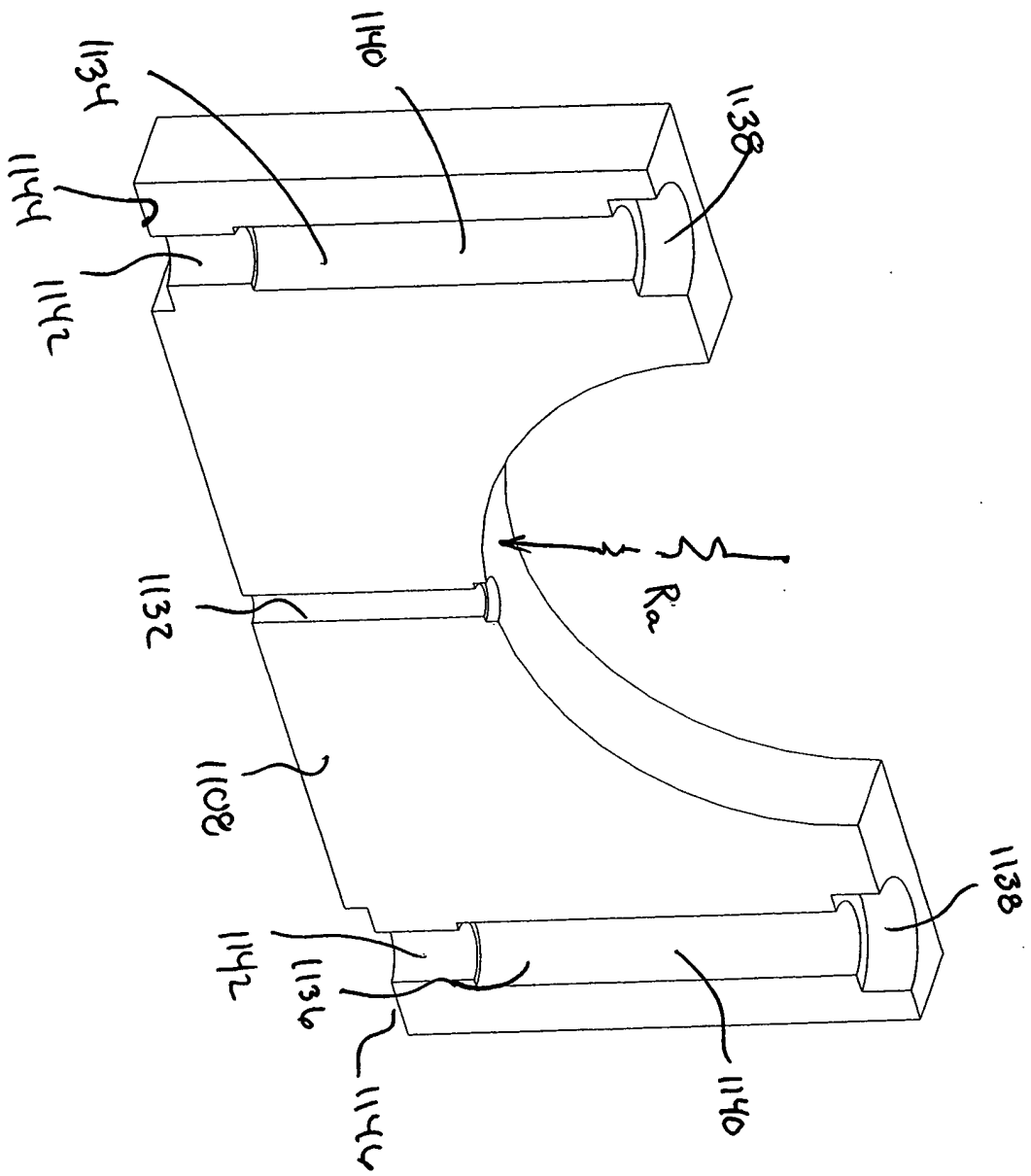


FIG. 15C

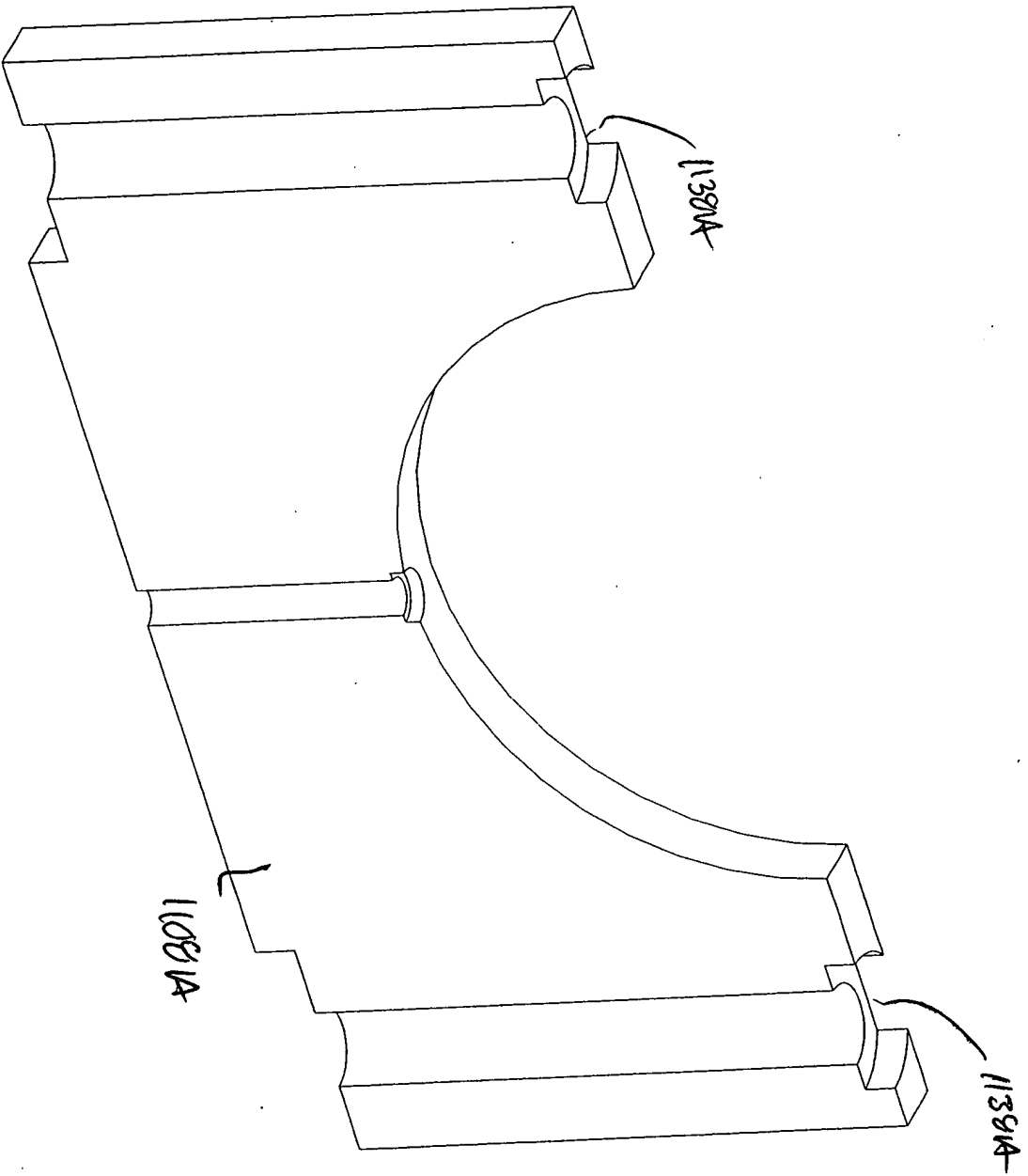


FIG. 156A

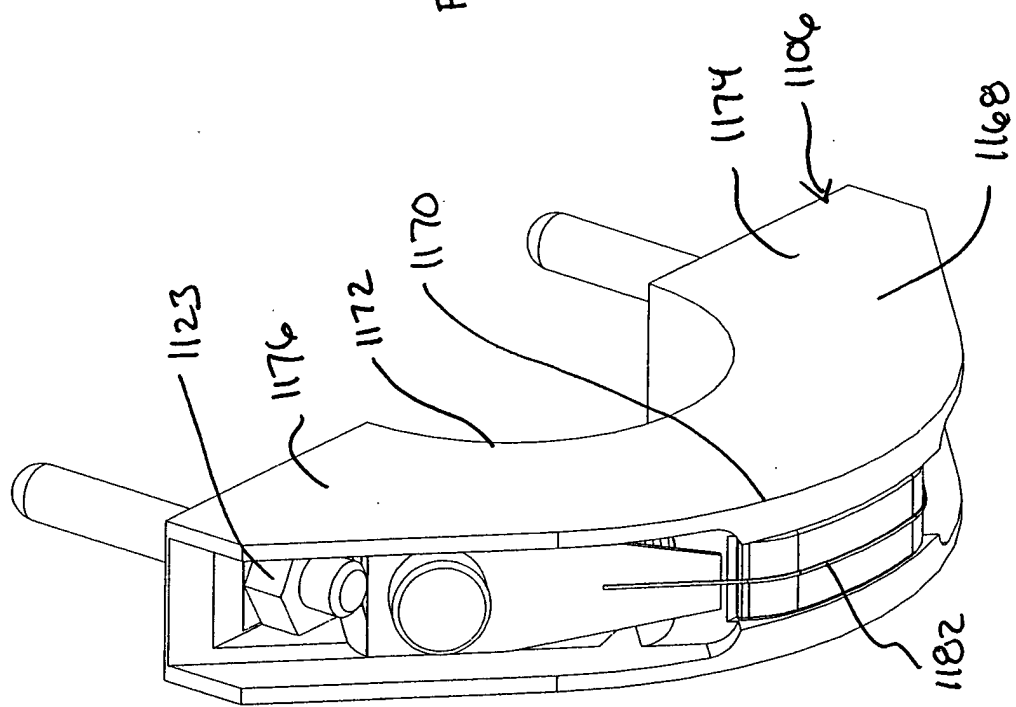


FIG. 157

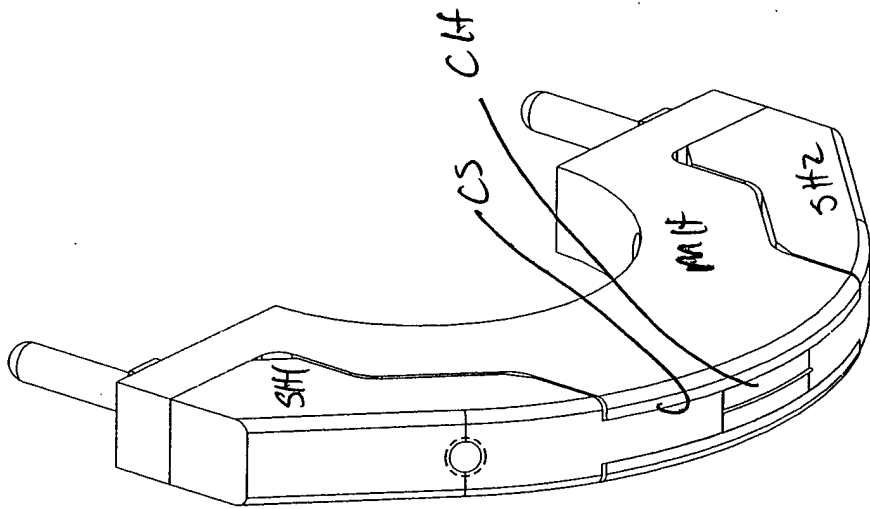
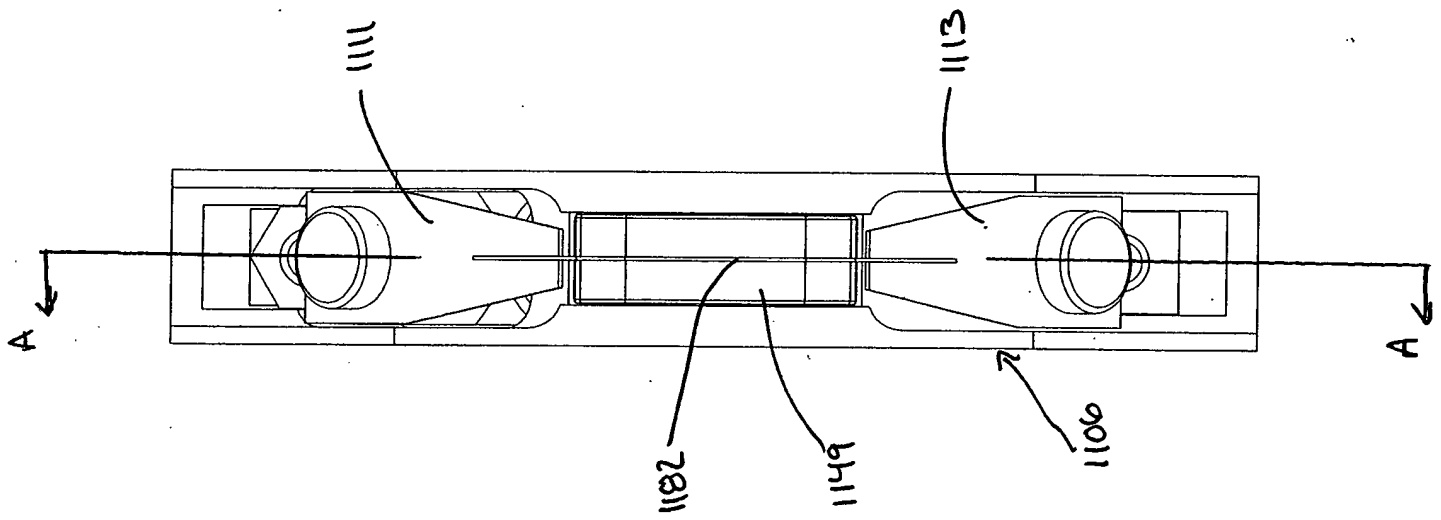


FIG. 157A

FIG. 158



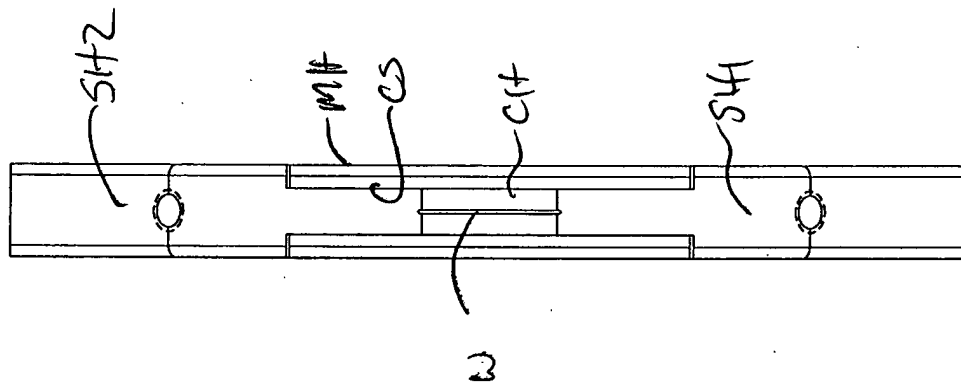


FIG. 158A

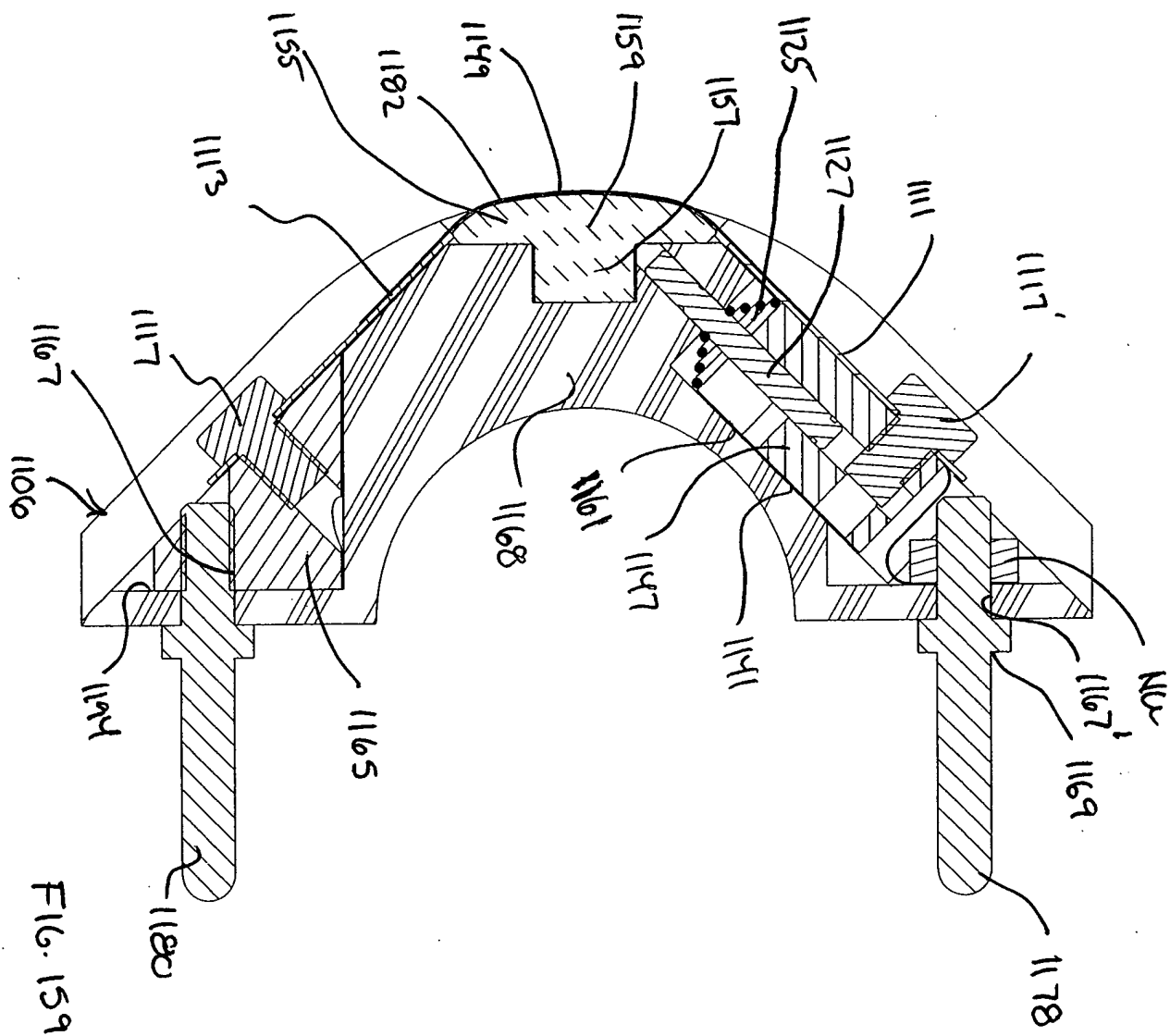


FIG. 159

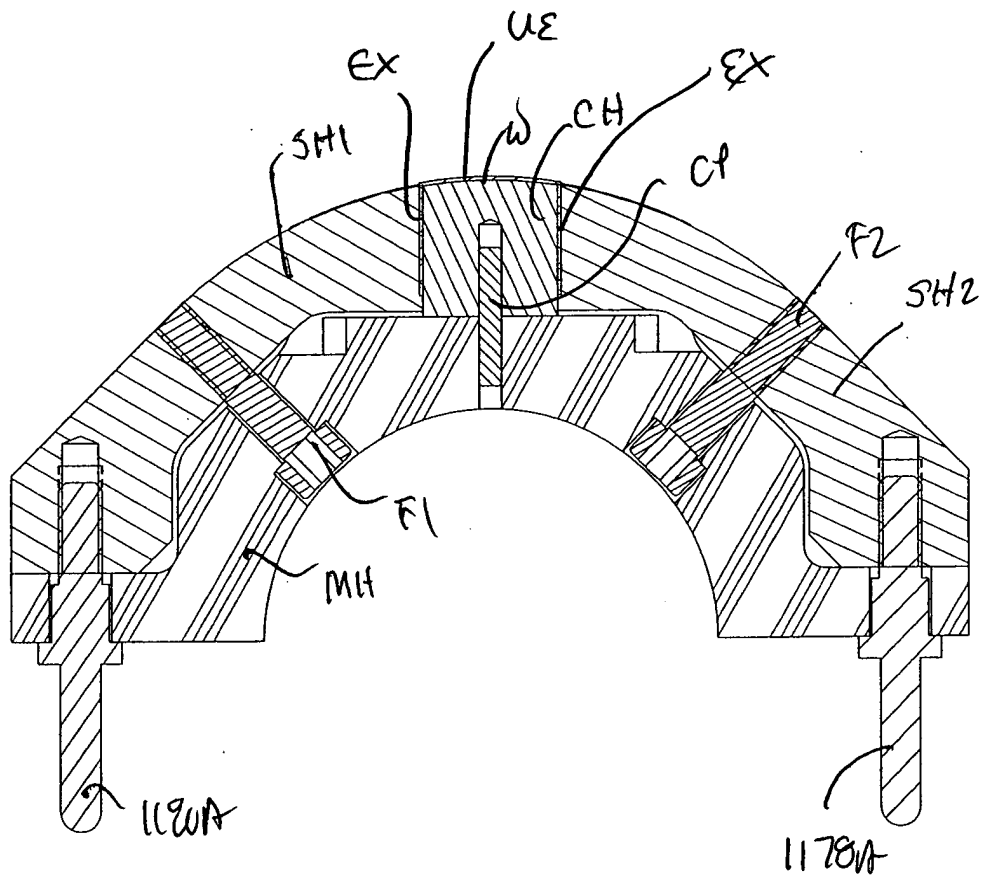


FIG-159A

FIG. 160

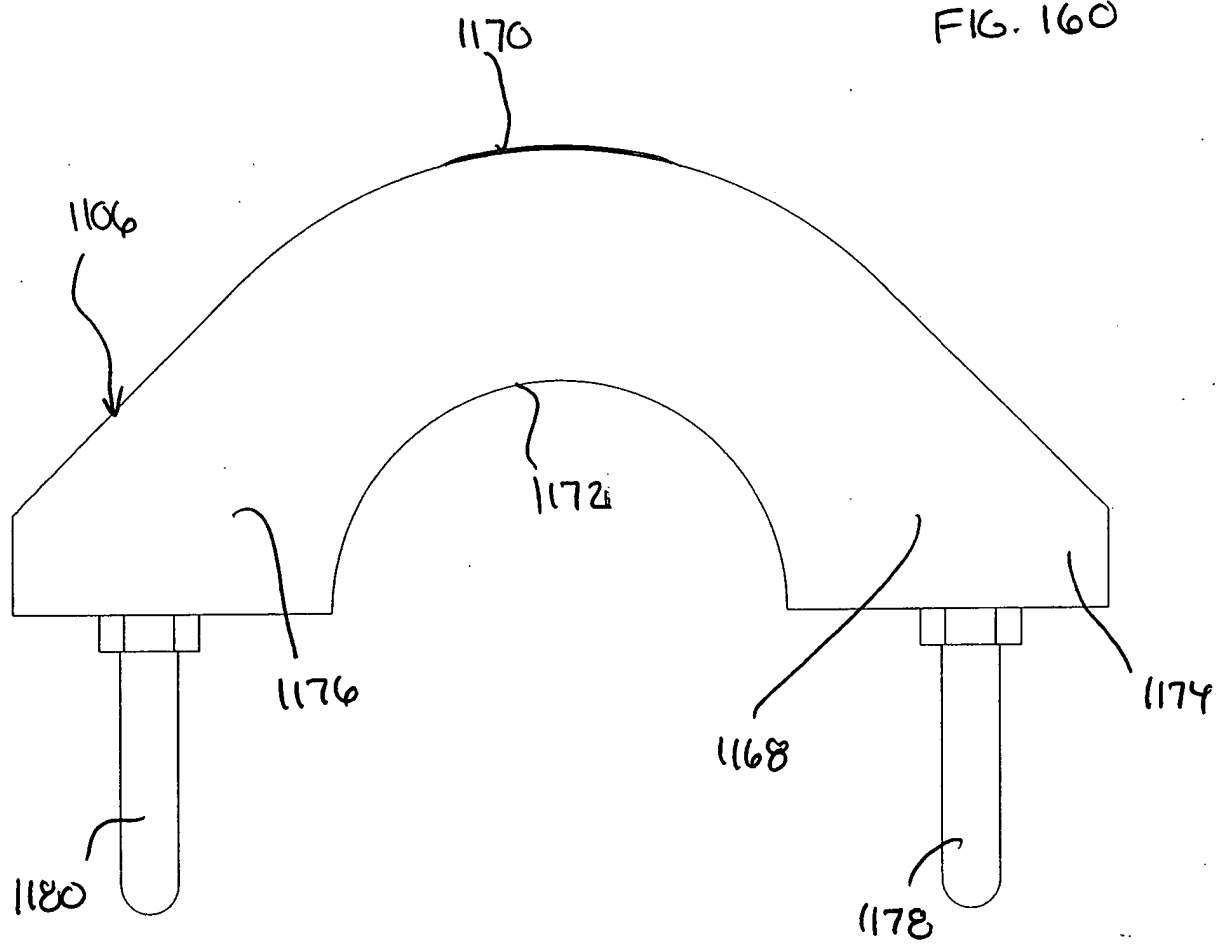
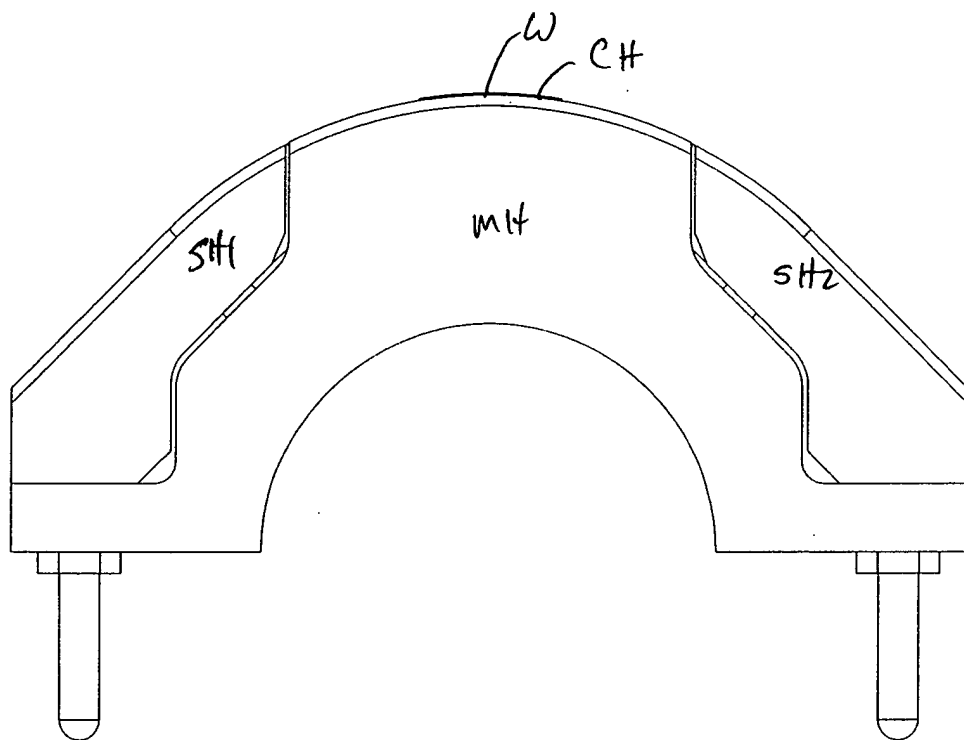


FIG. 160A



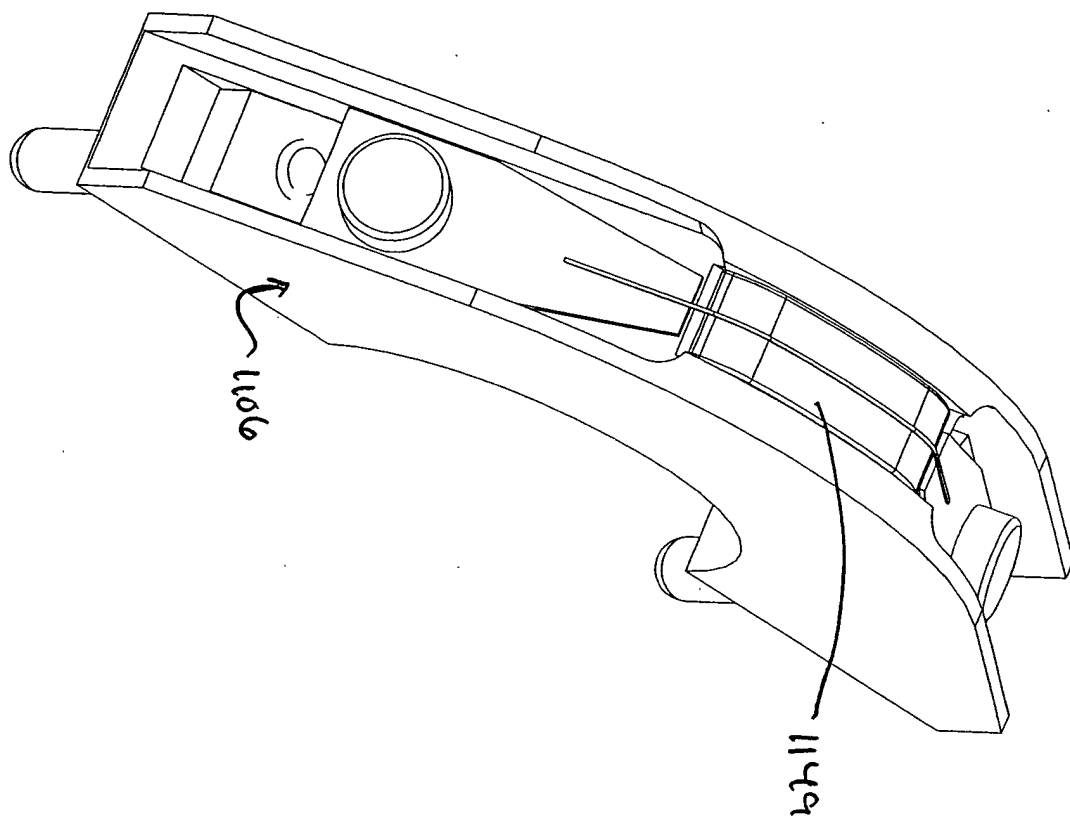


FIG. 161

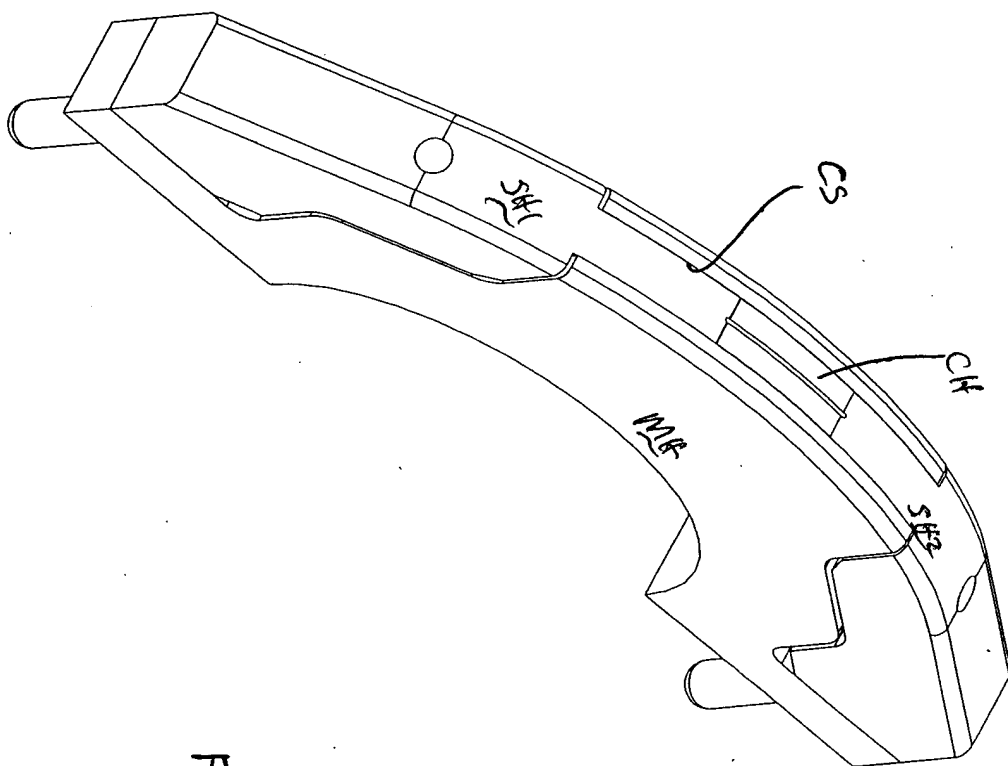
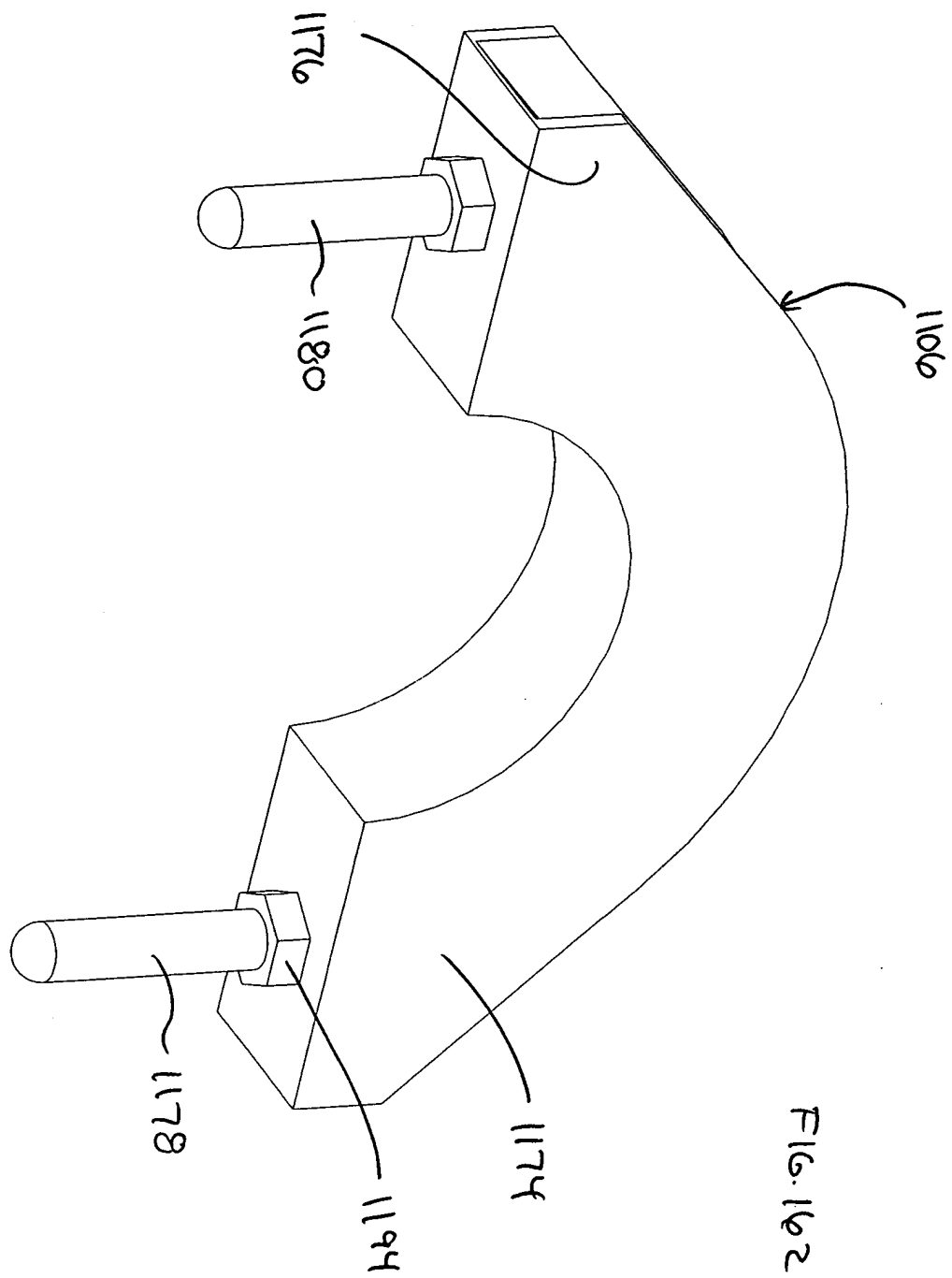


FIG. 161A



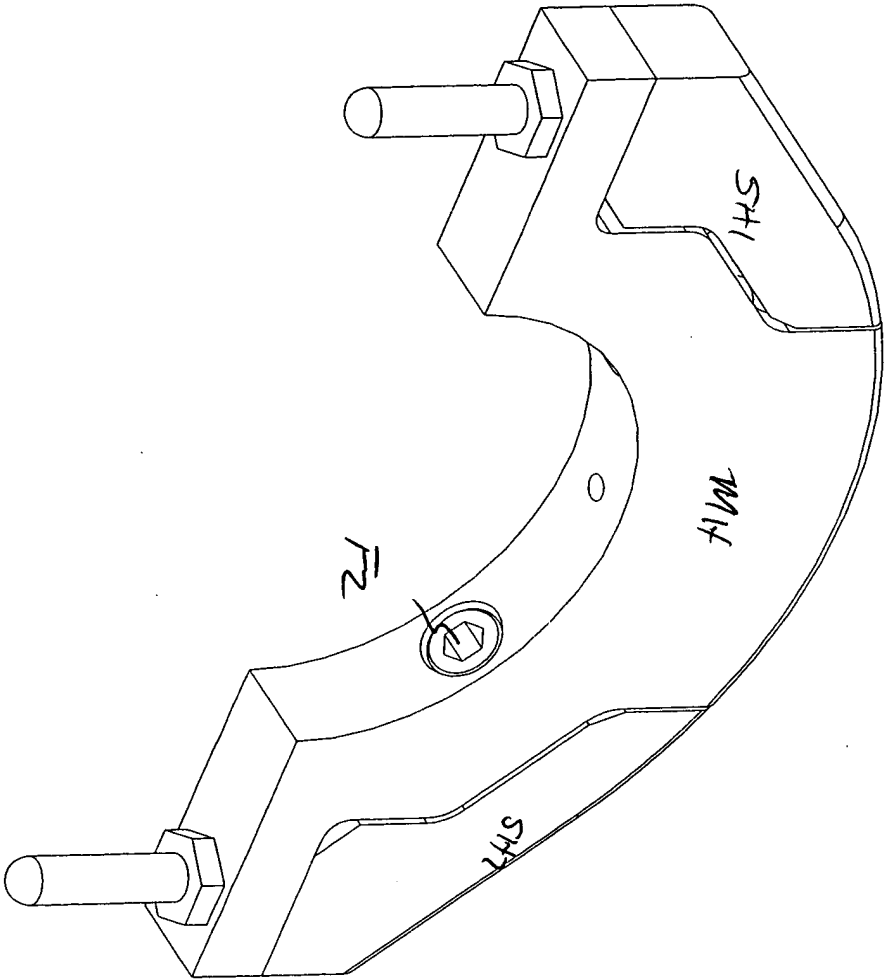


FIG. 1624

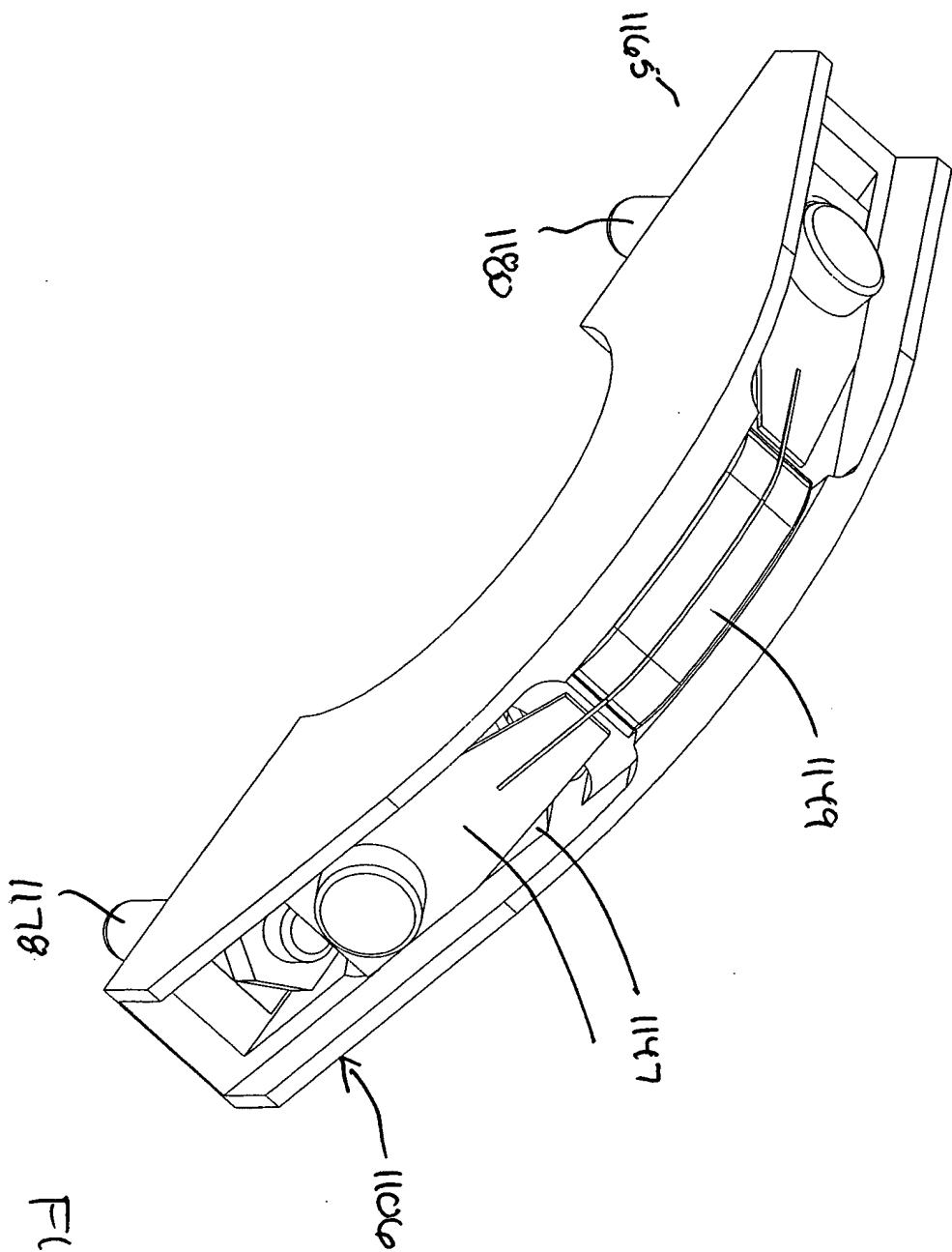


FIG. 163

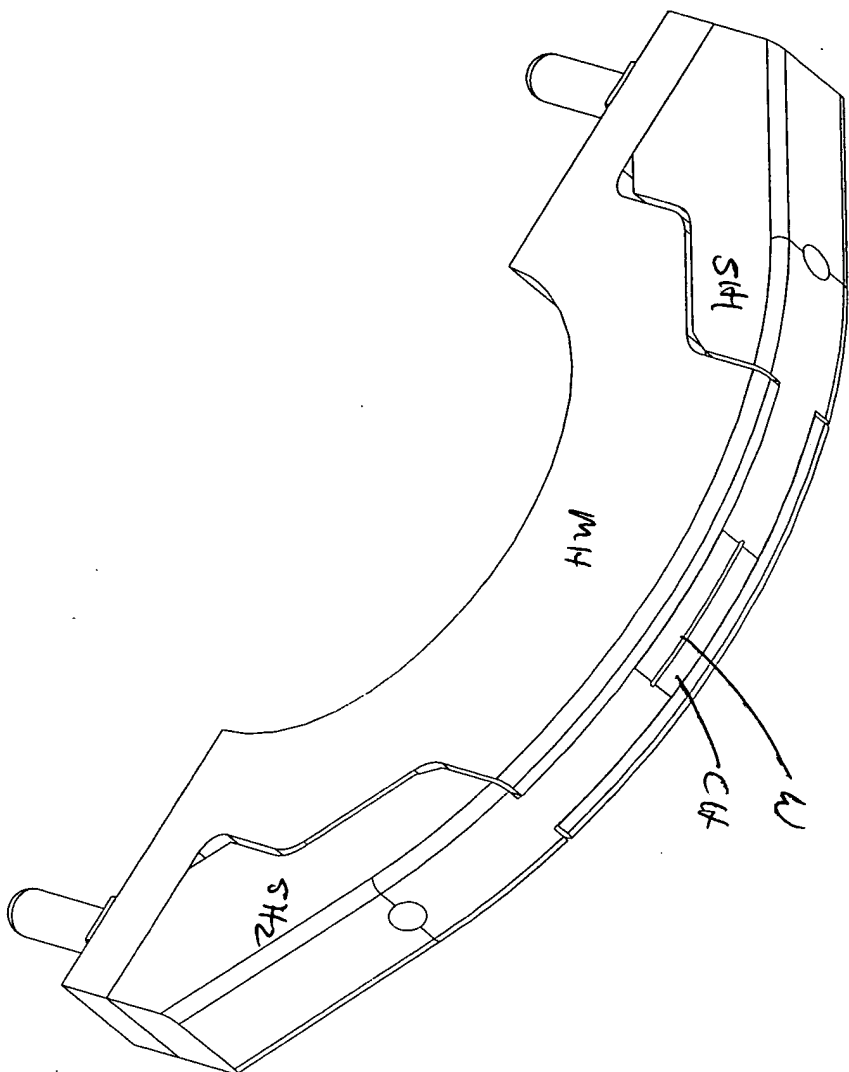


FIG. 163A

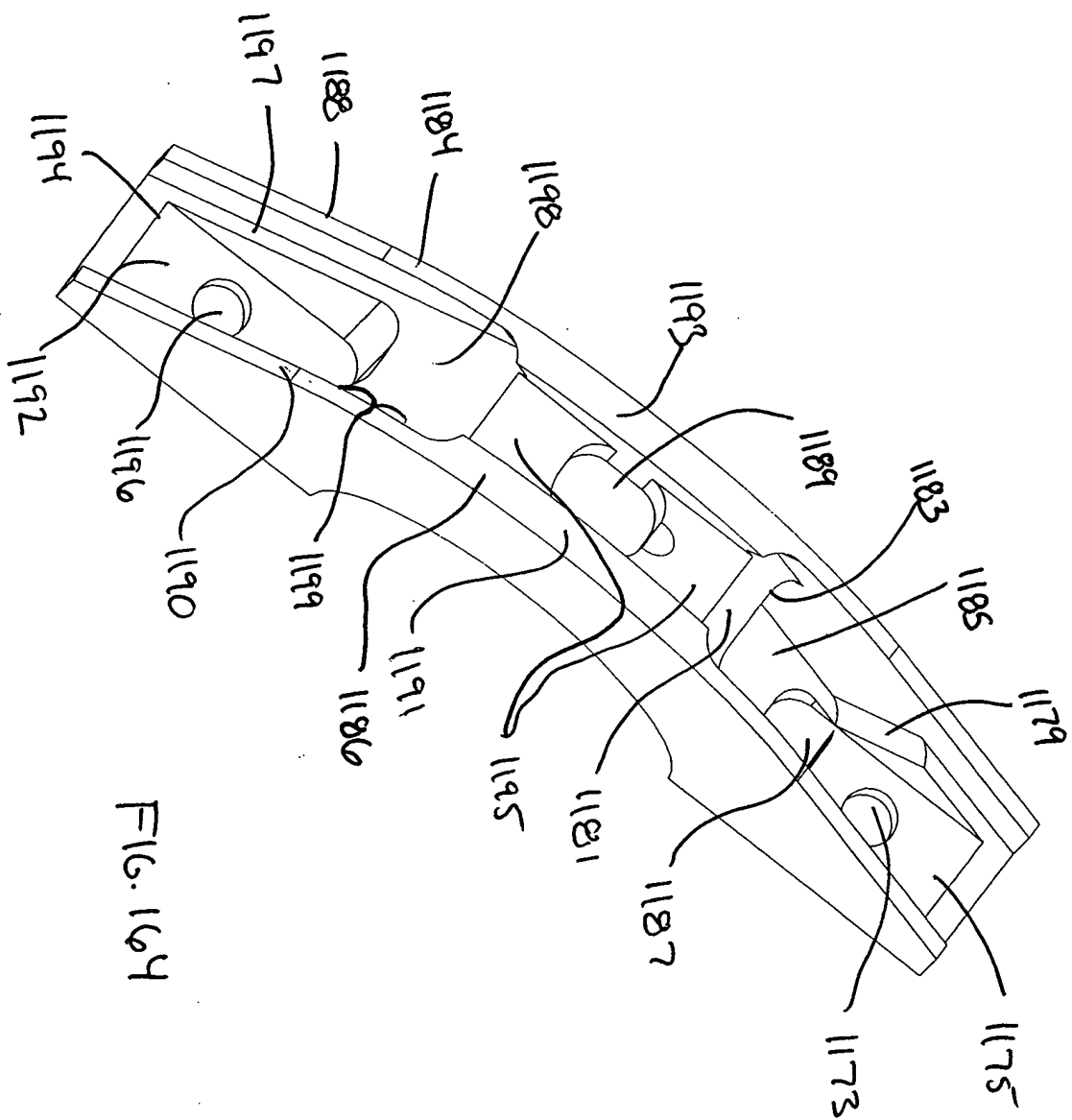


FIG. 164

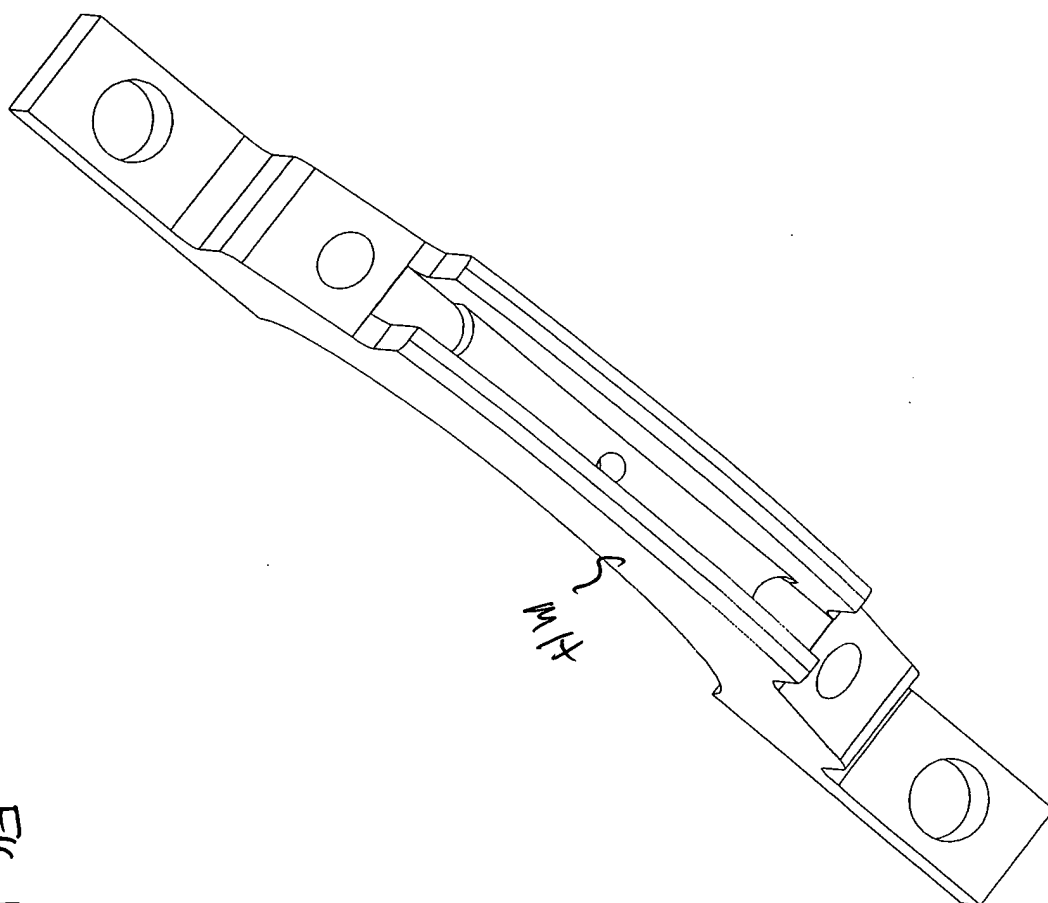


FIG. 164A

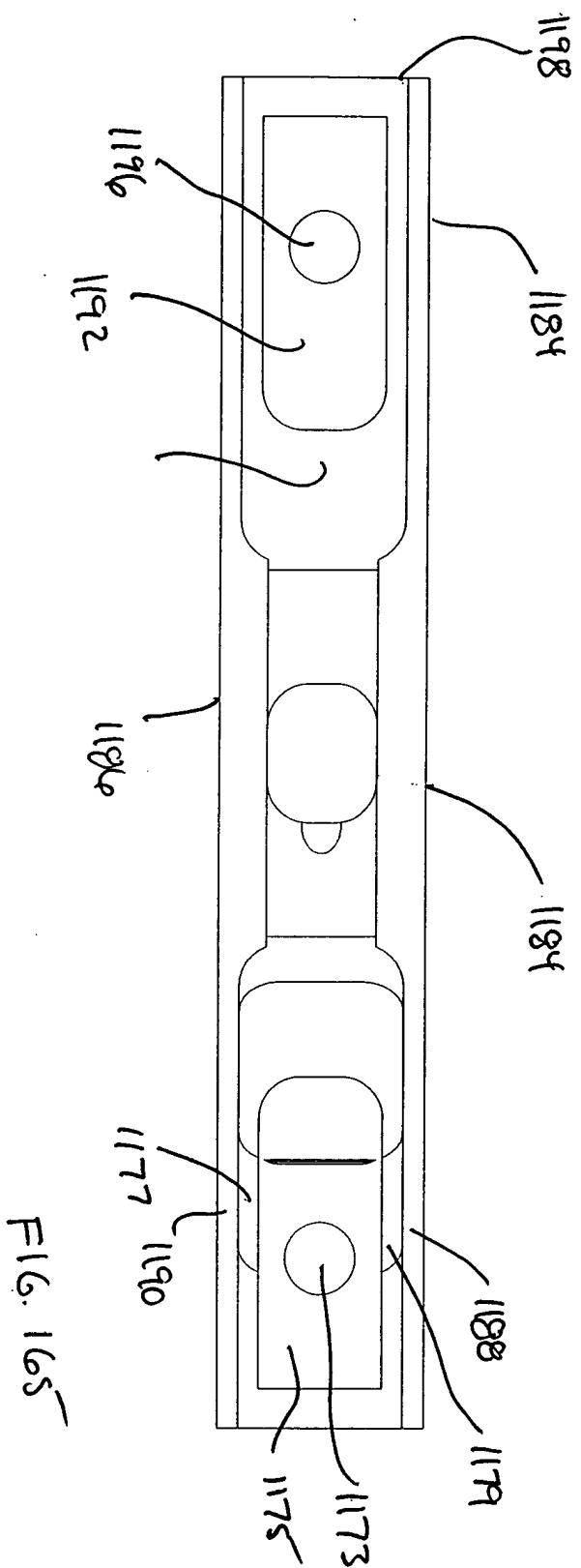


FIG. 165

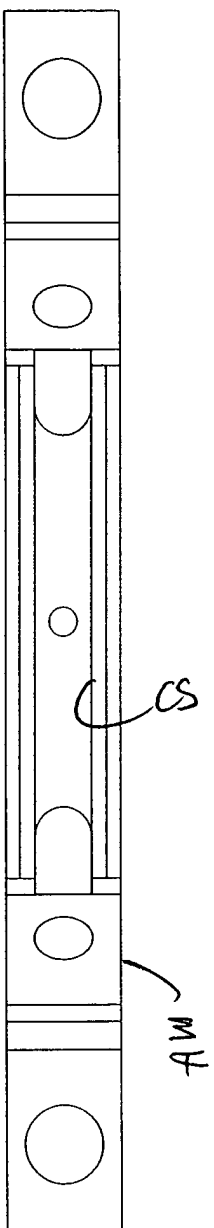


FIG. 165A

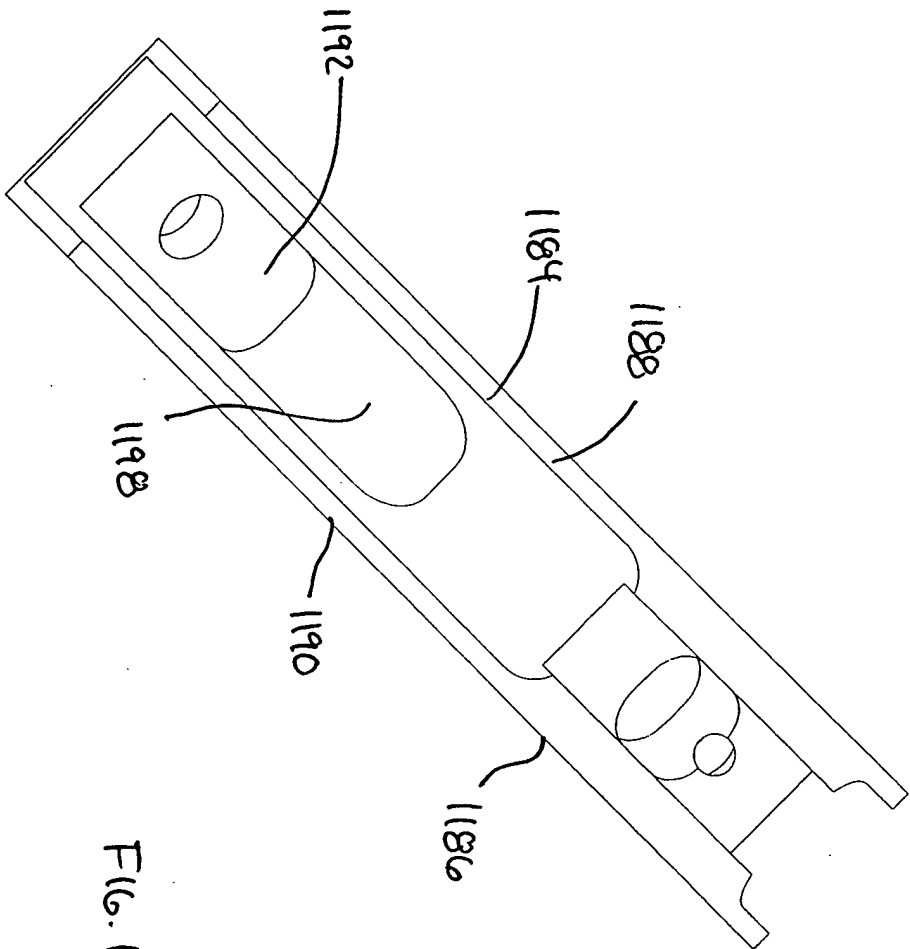


FIG. 166

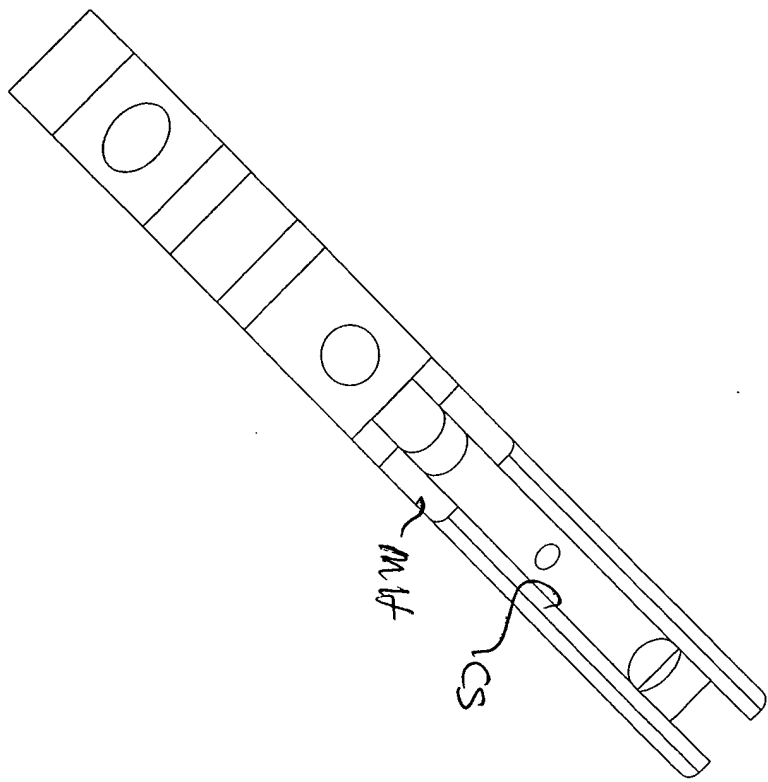


FIG. 166A

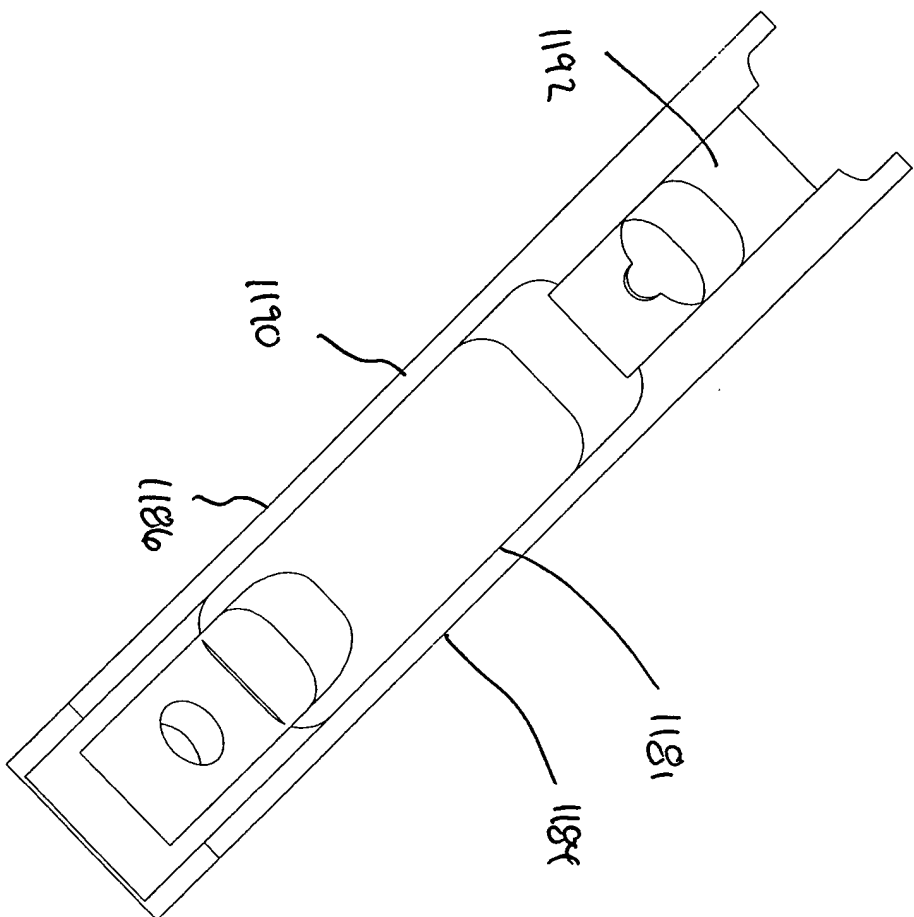


FIG. 167

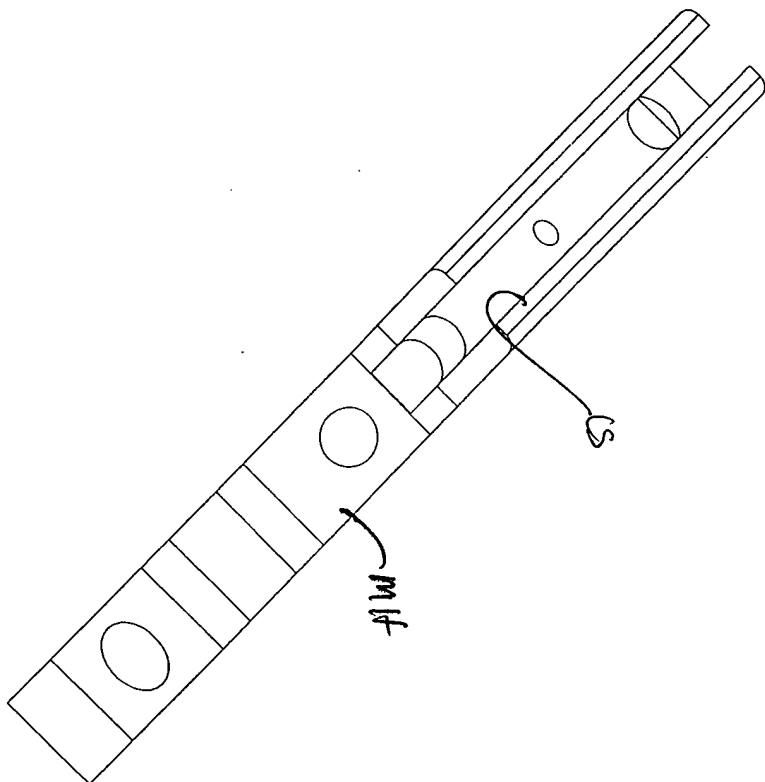
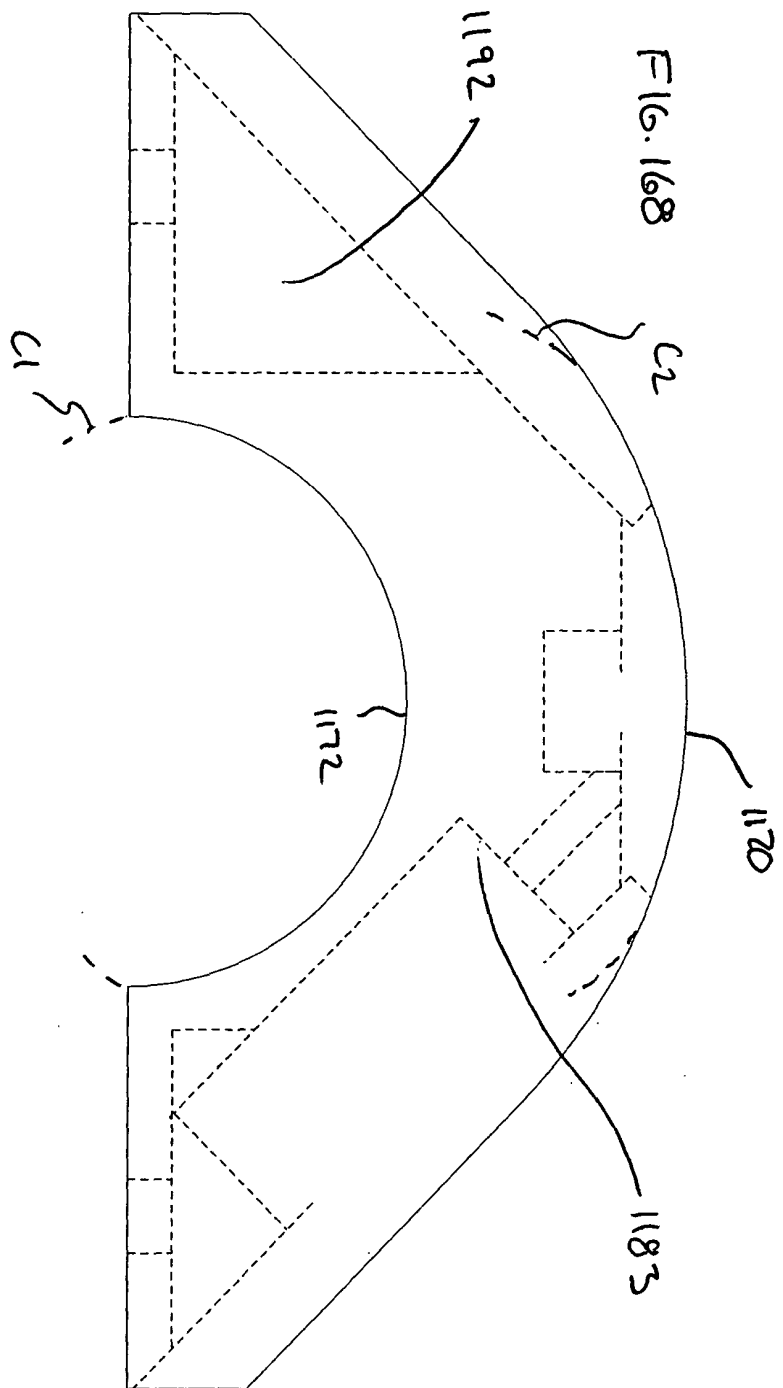


FIG. 16Z4



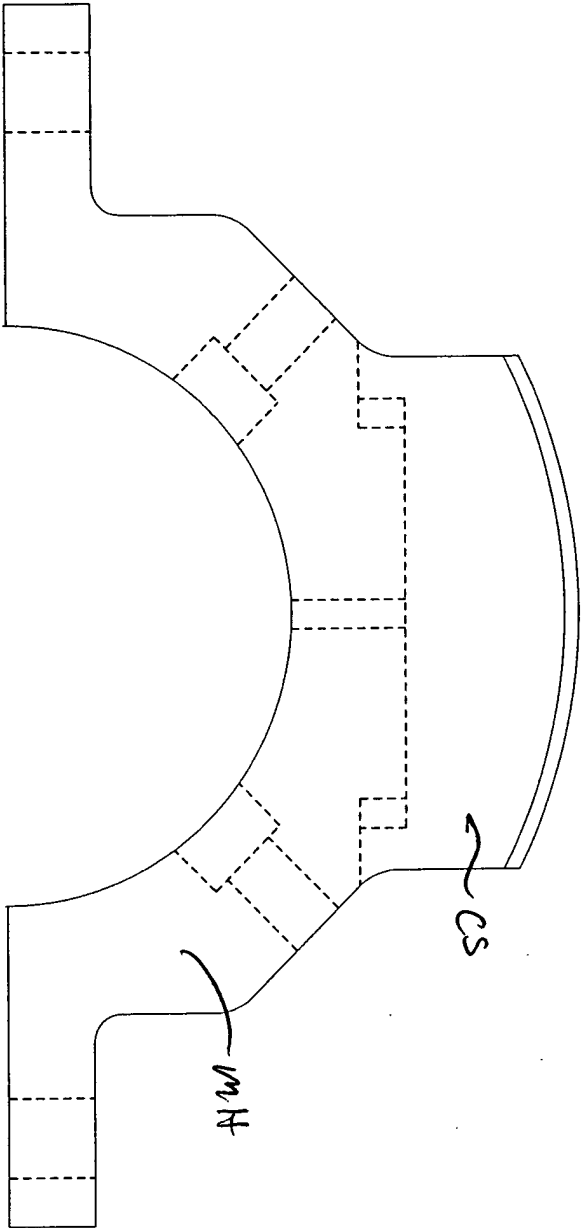


FIG. 16814

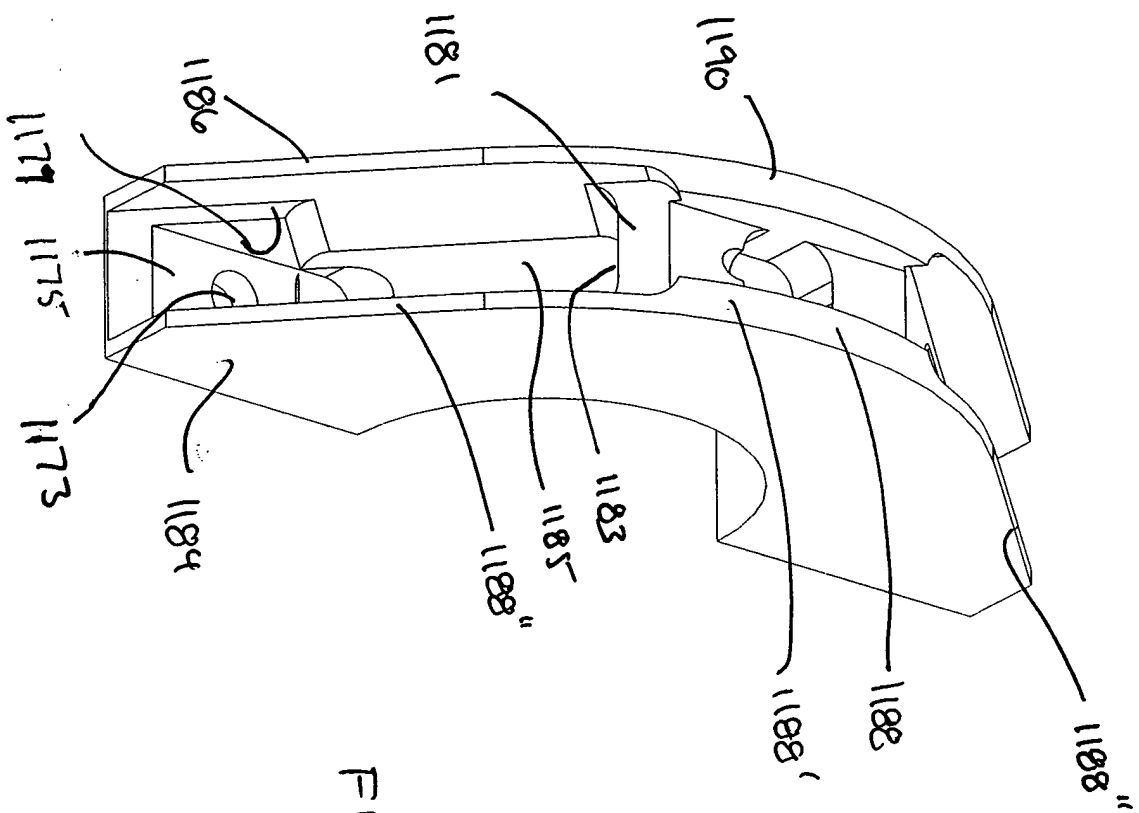


FIG. 169

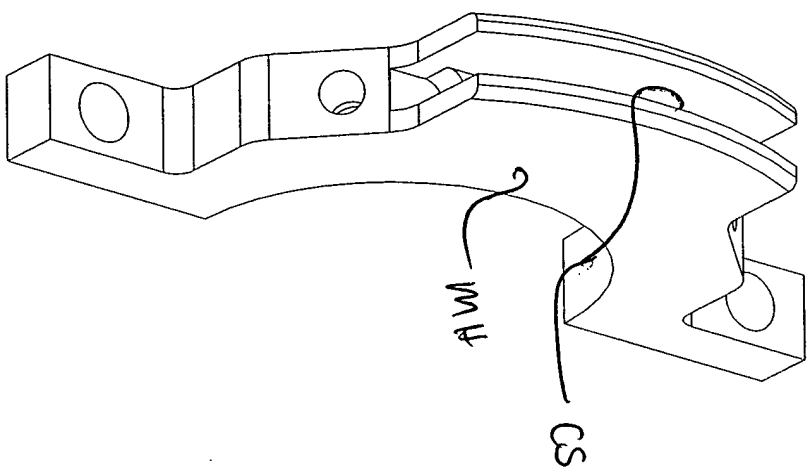


FIG. 1691A

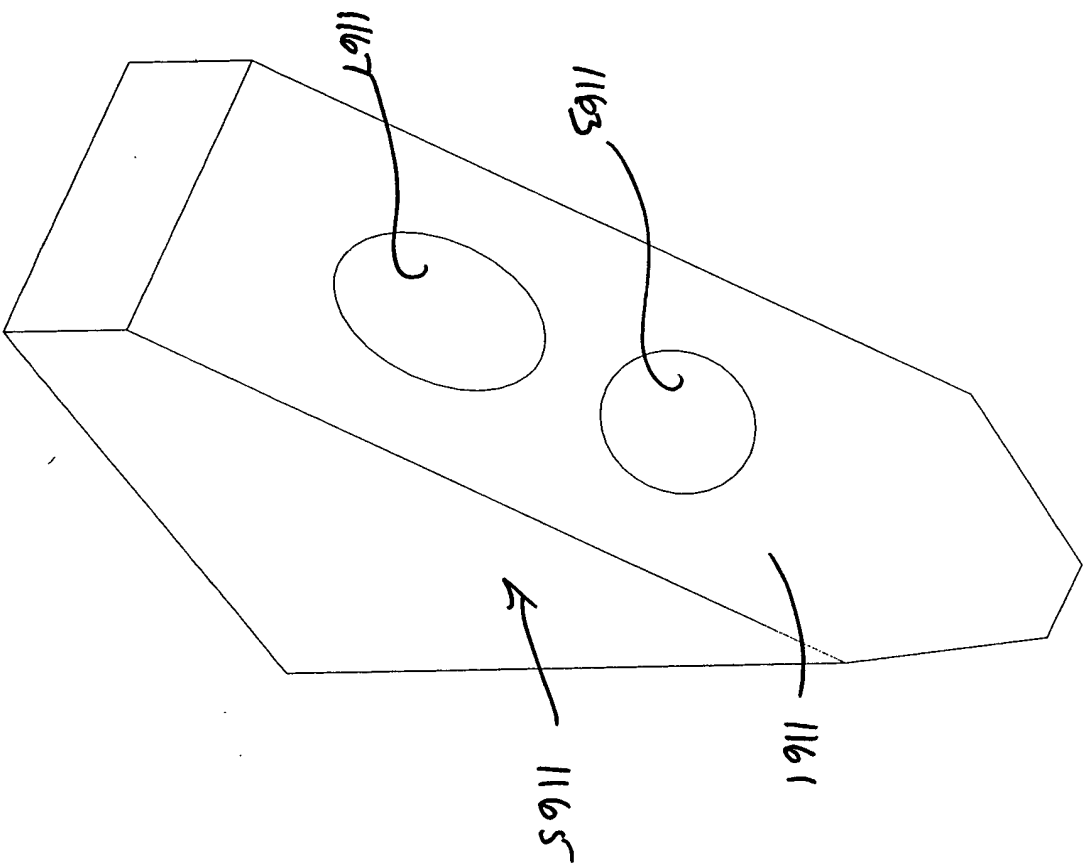


FIG. 170

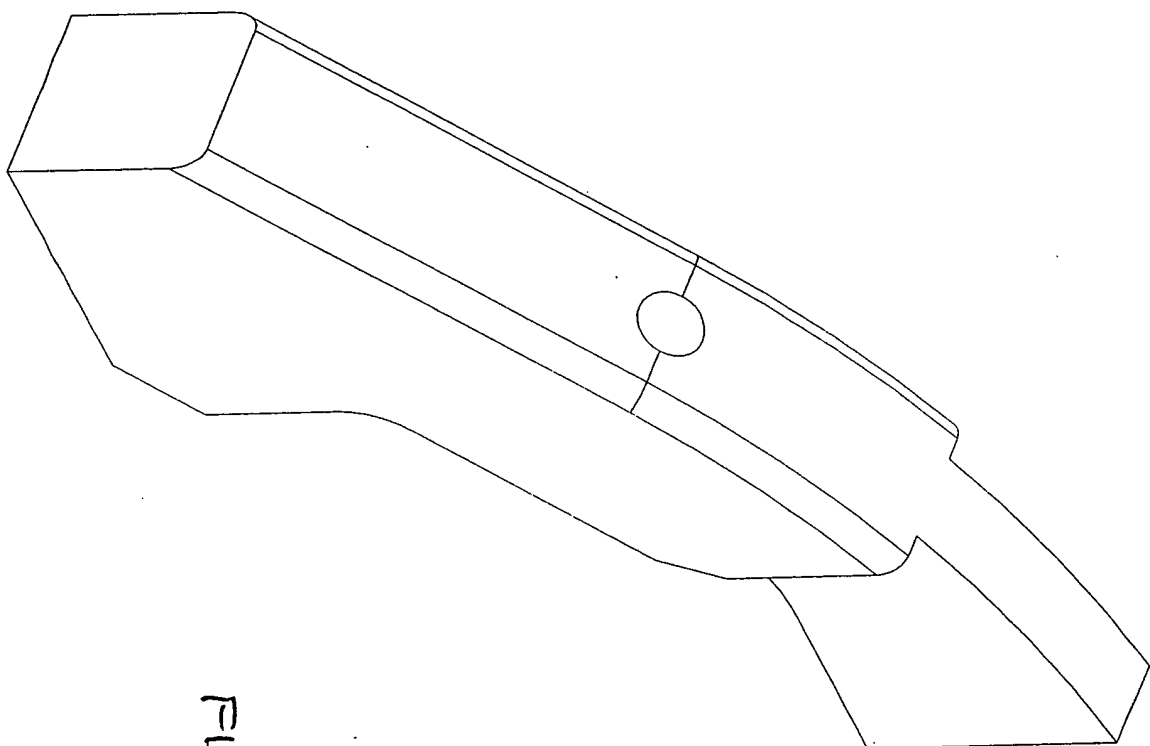


FIG. 170A

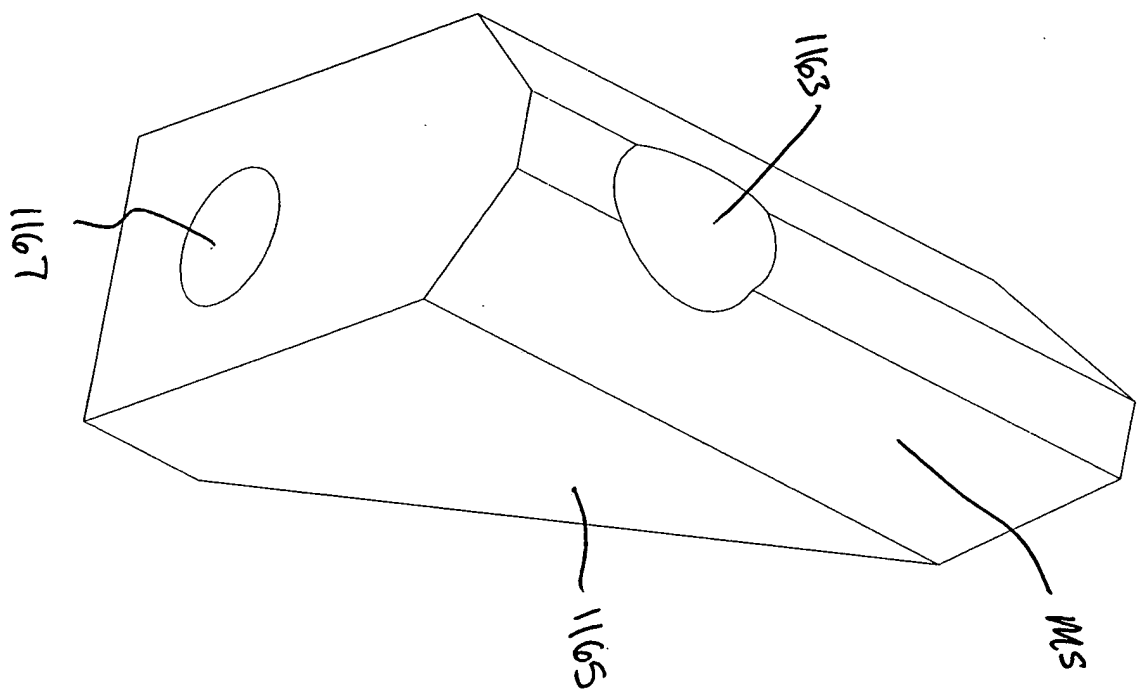


FIG. 171

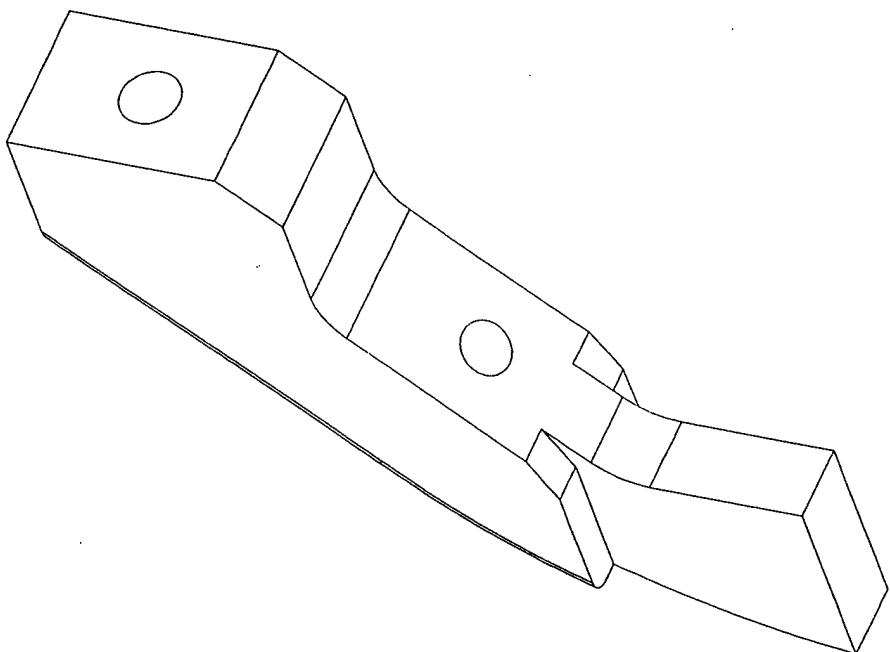


FIG. 1214

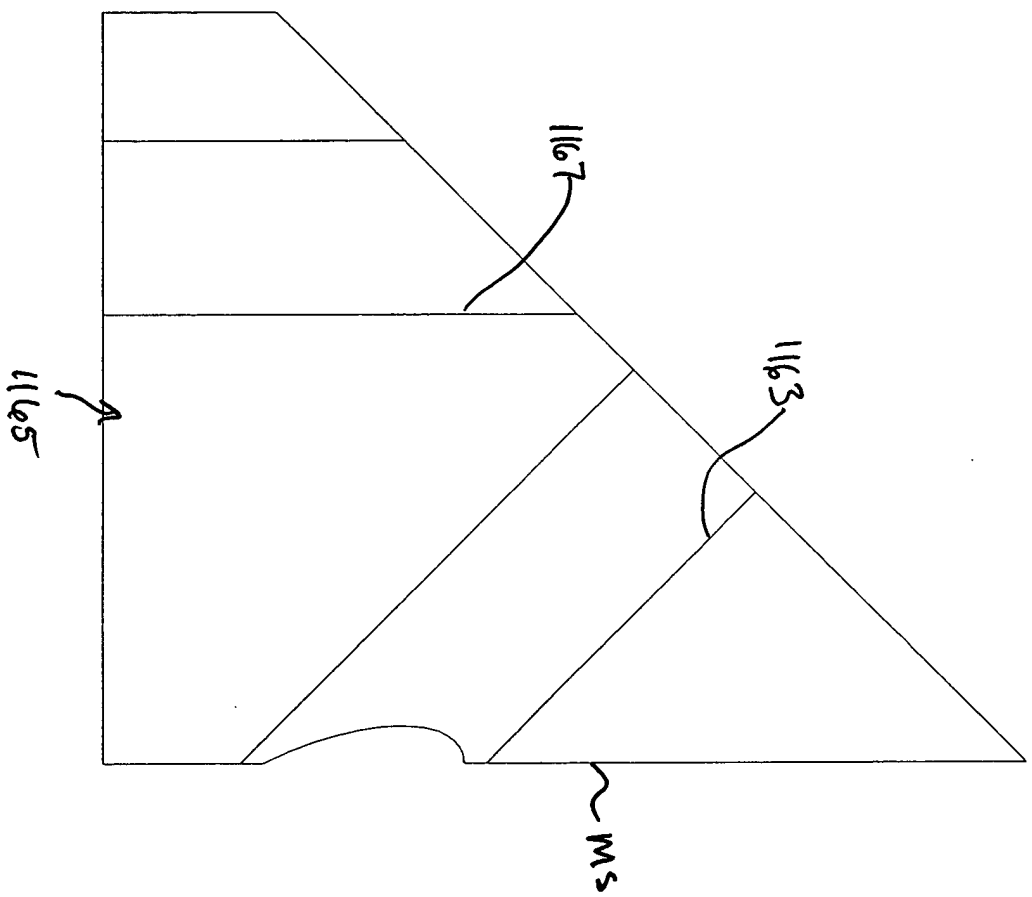


FIG. 172

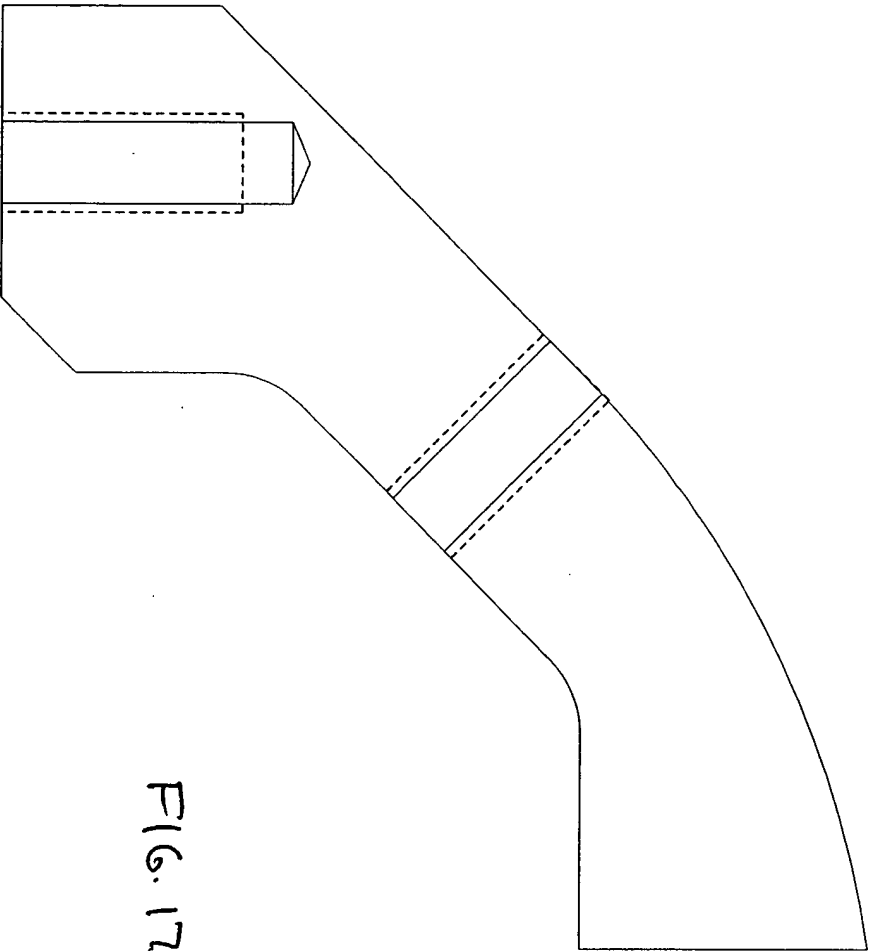
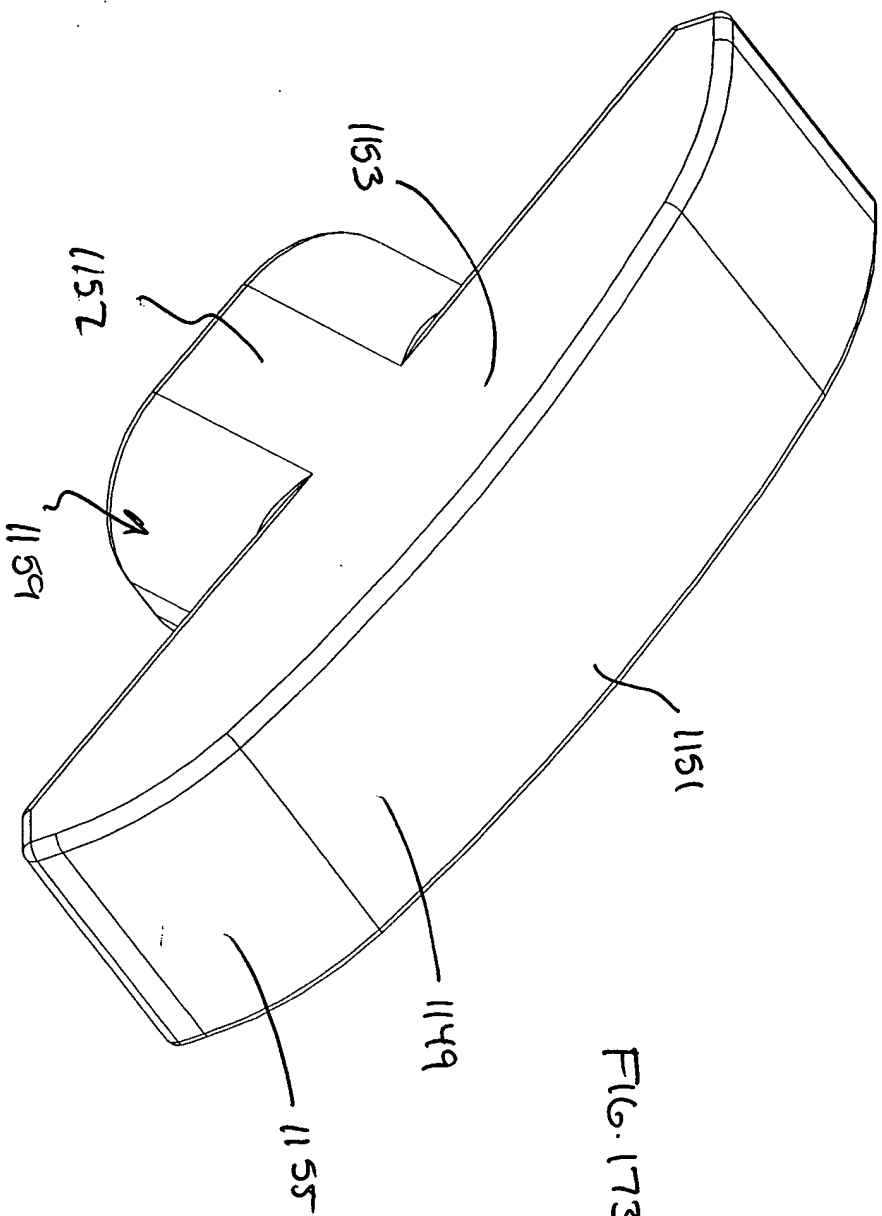


FIG. 1724



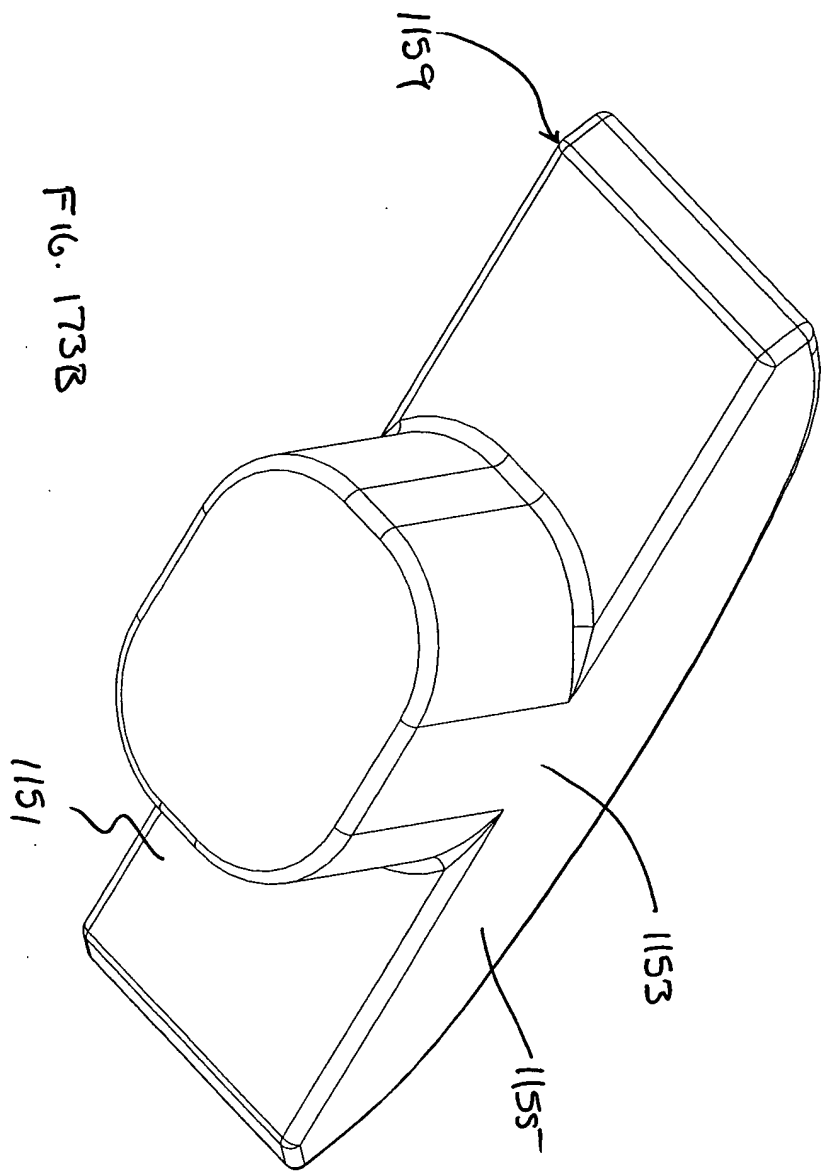


FIG. 173B

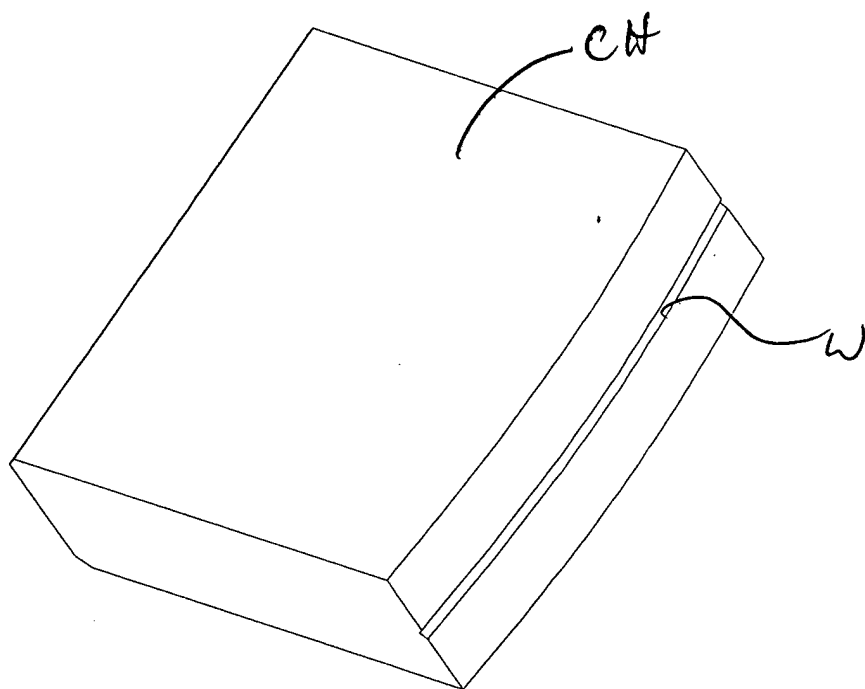


FIG. 173C

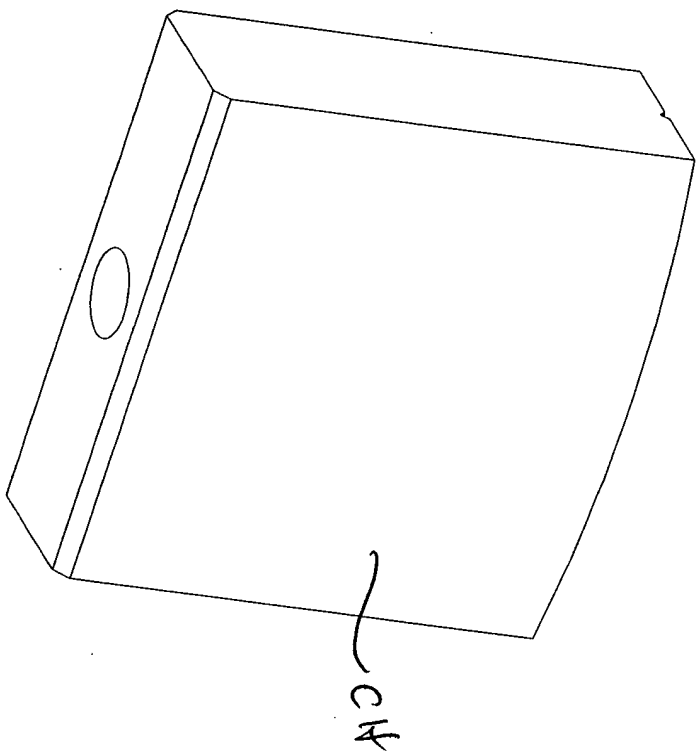
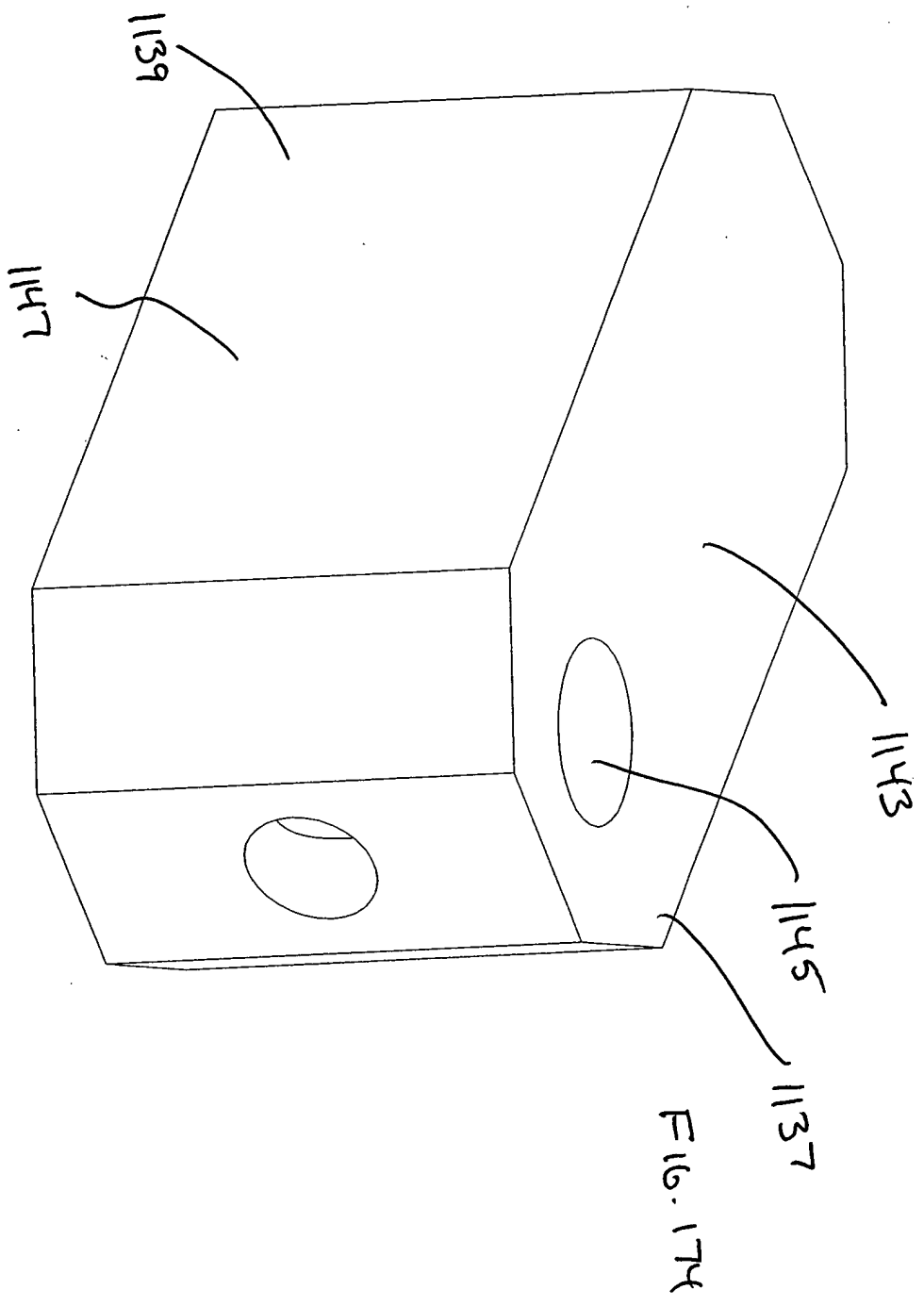


FIG. 173D



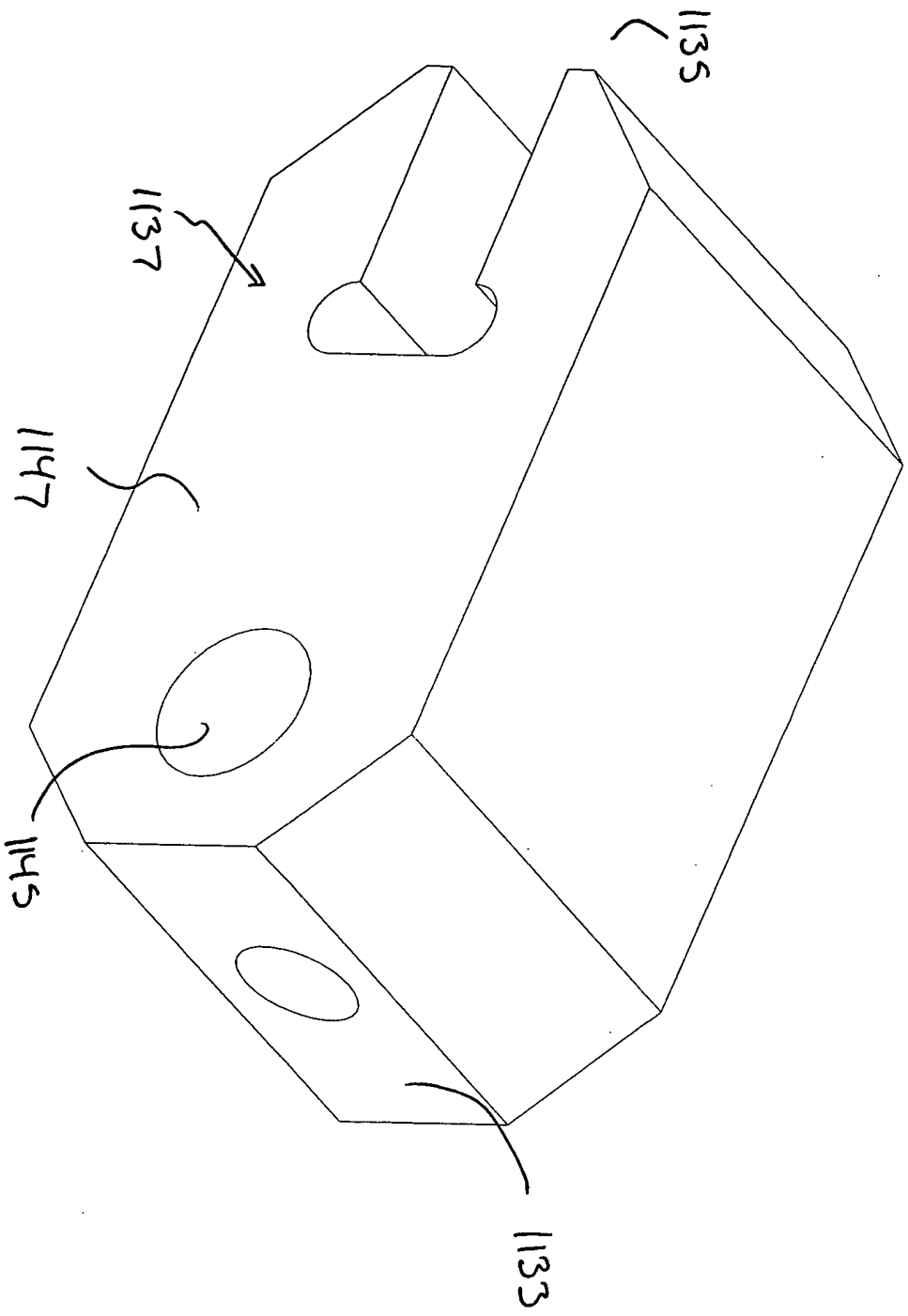


FIG. 175

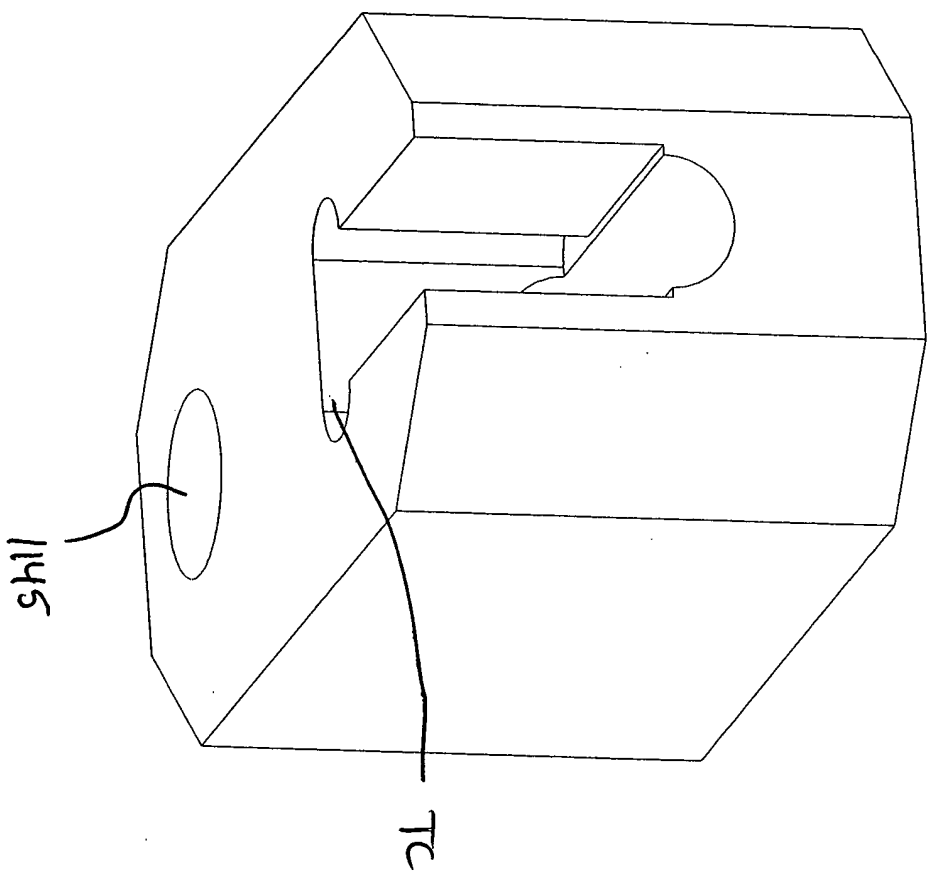


FIG. 17c

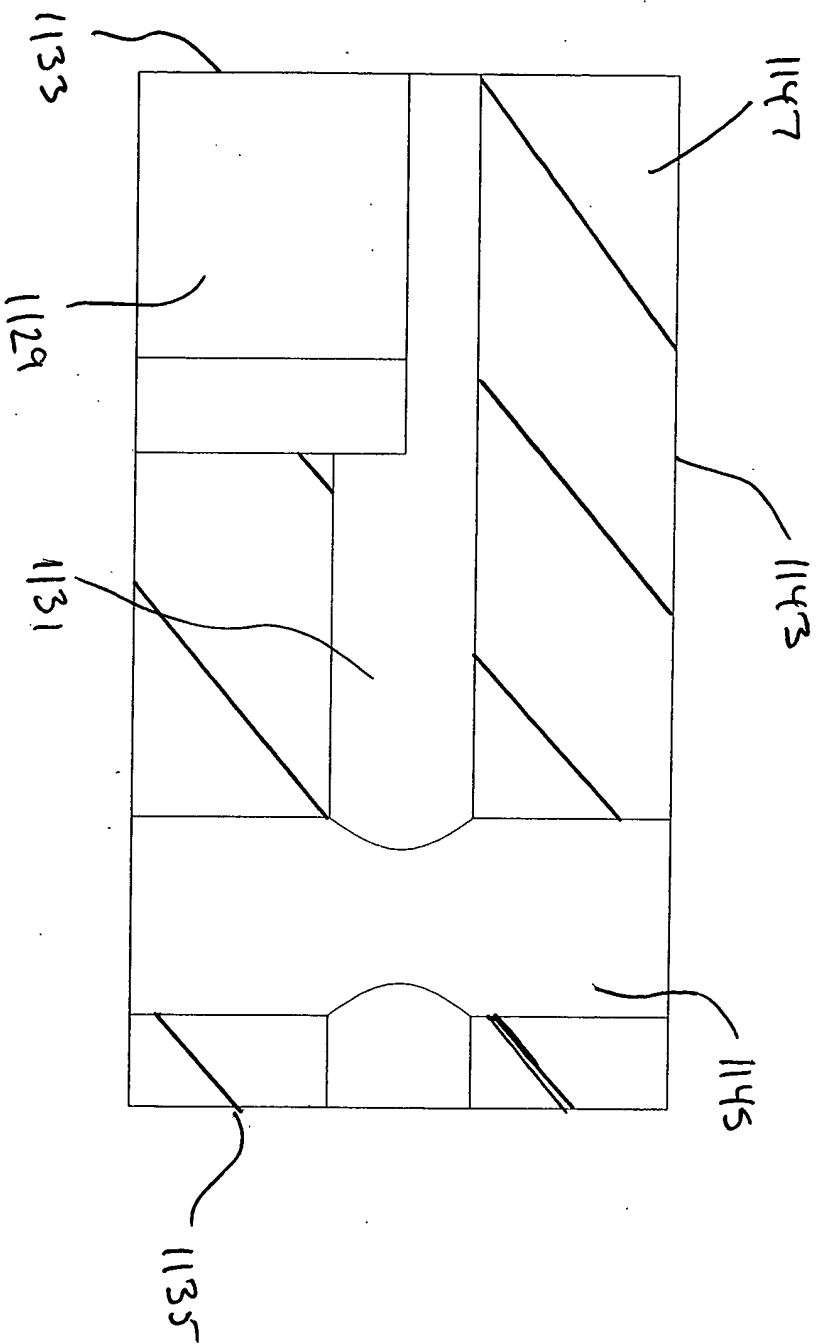


FIG. 177

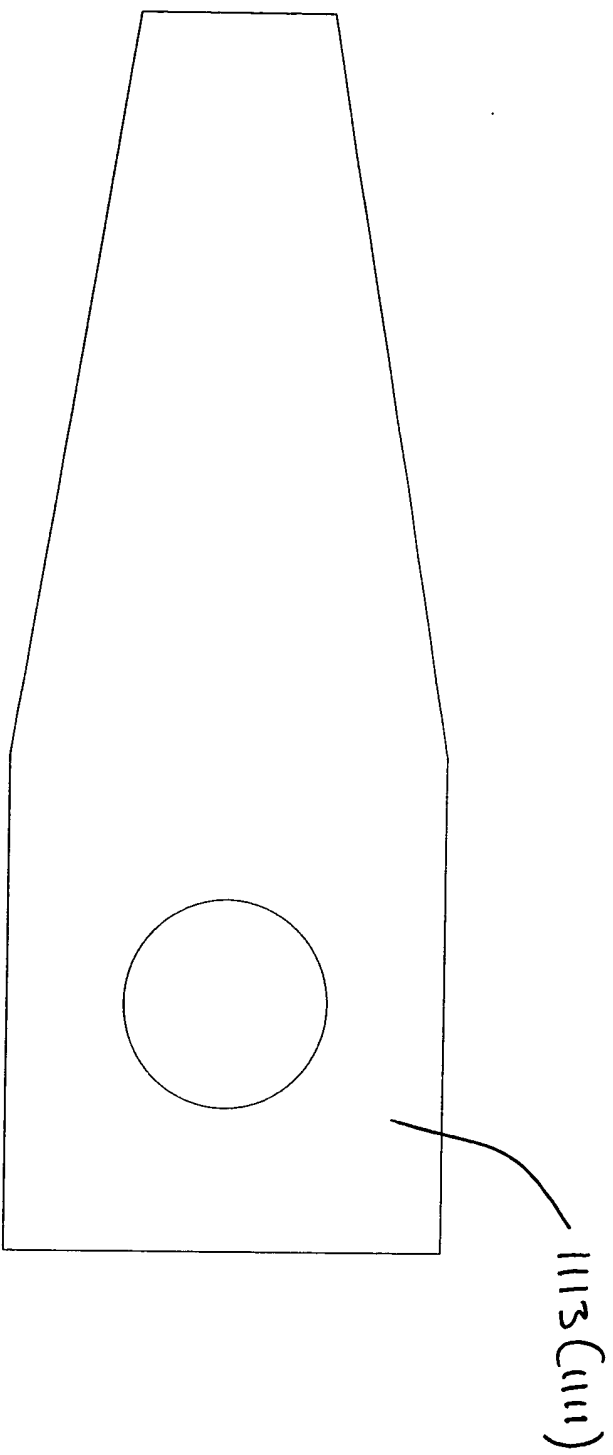


FIG. 178

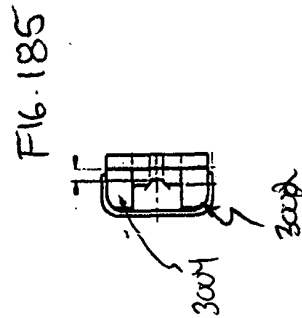
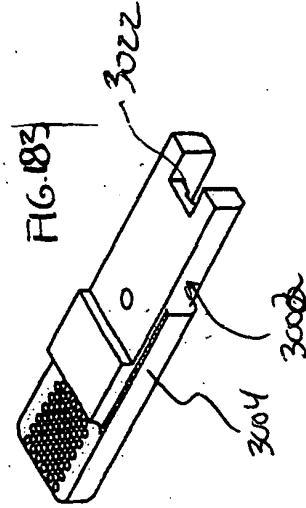
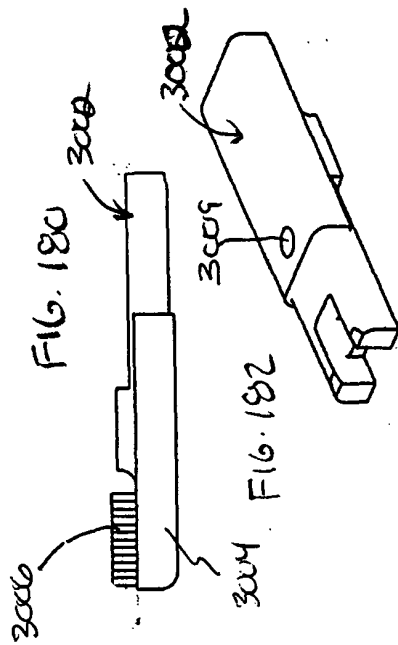
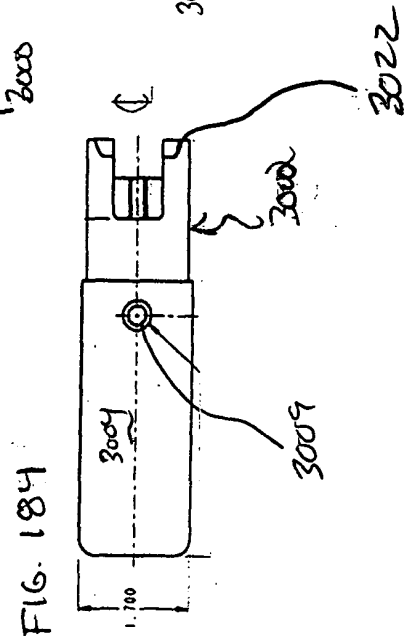
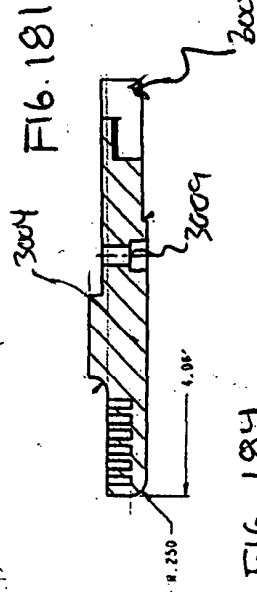
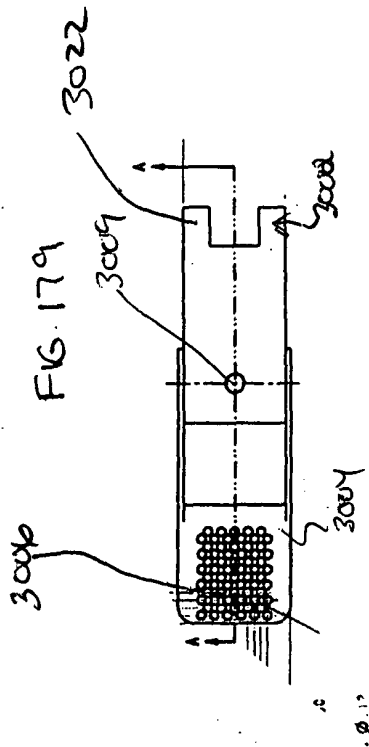


FIG. 186

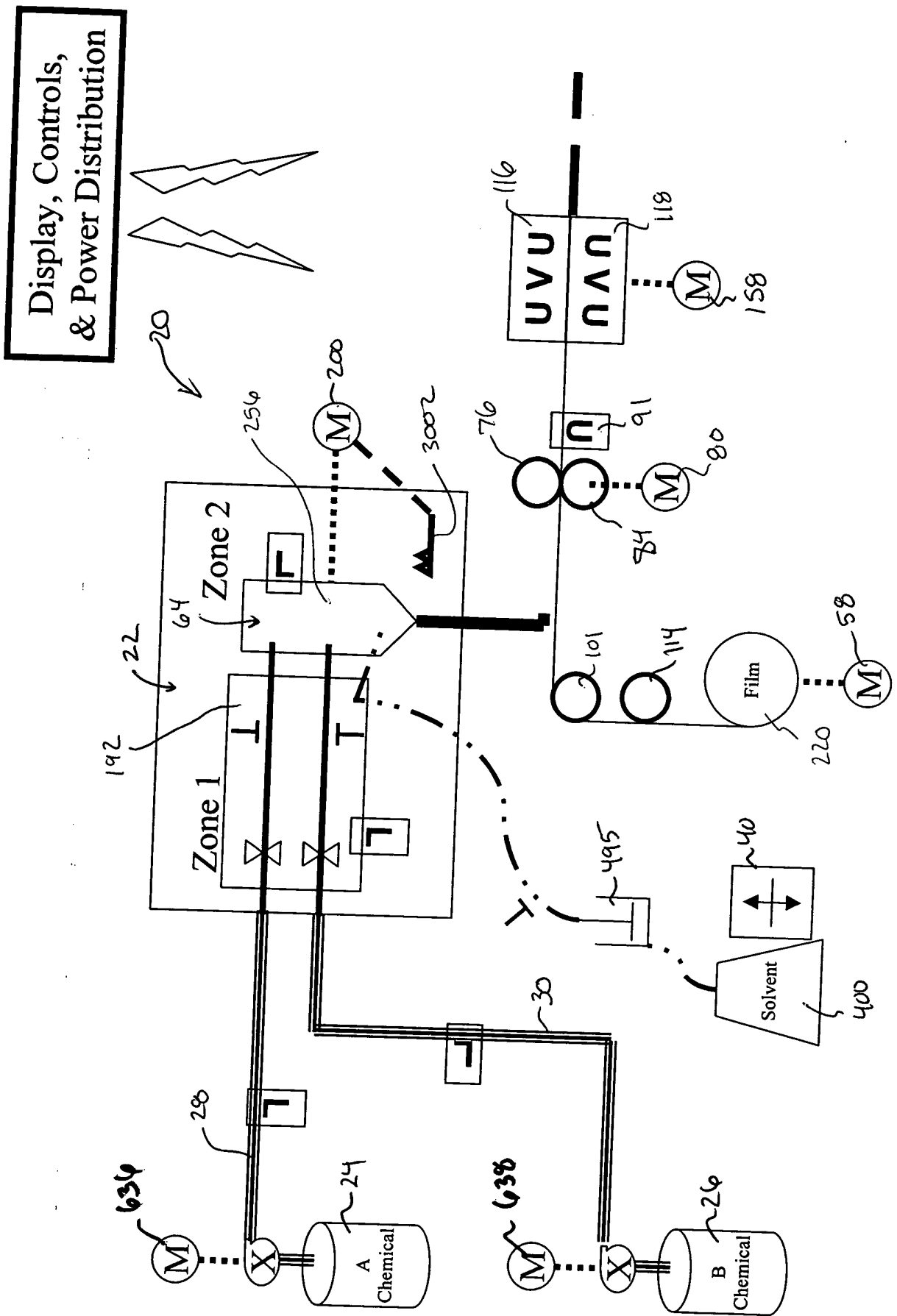






FIG. 186A

Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)


 = Filter

 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

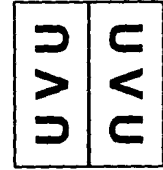
 = Level Sensor

 = Mixing Module +

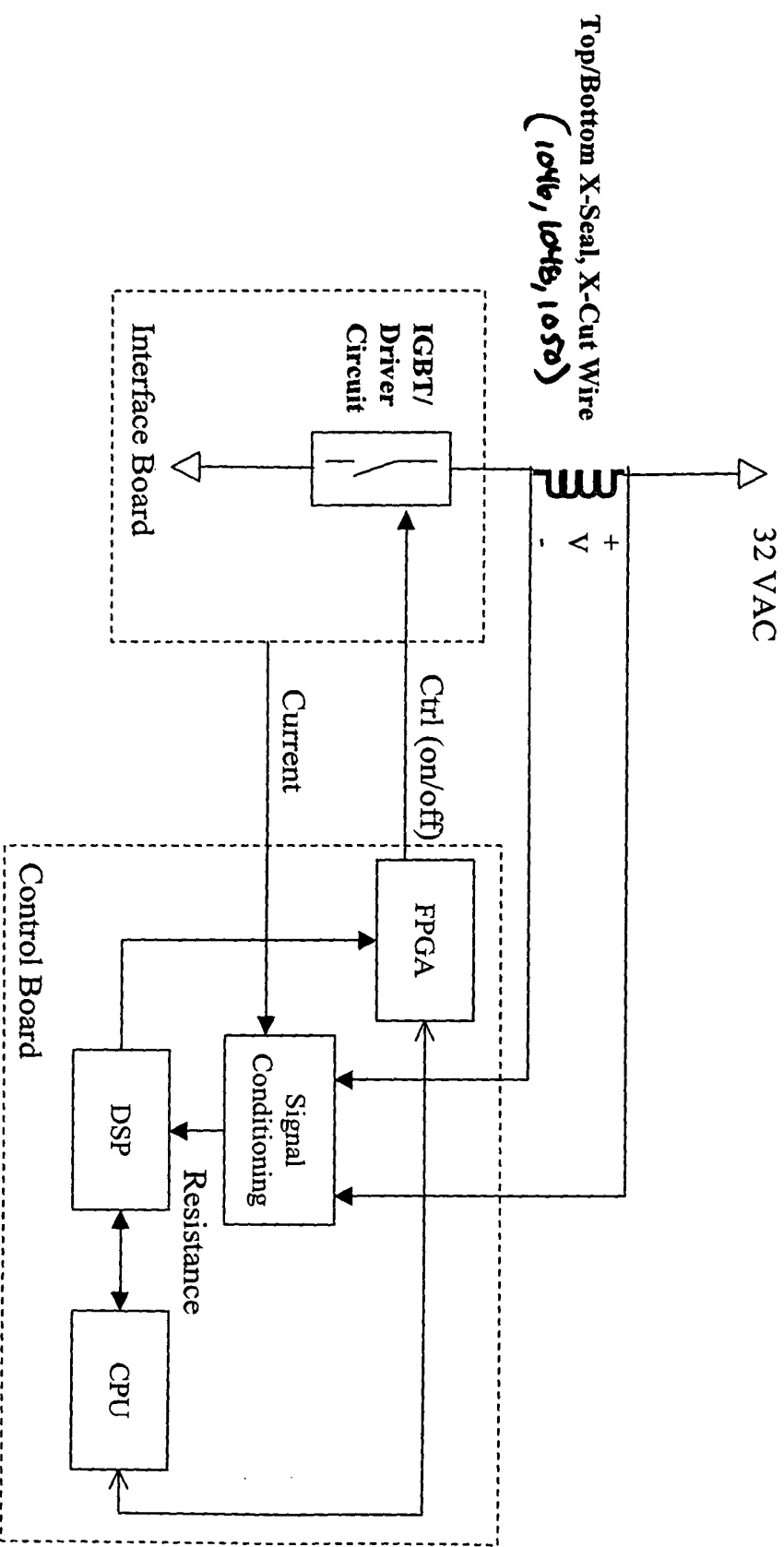
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly
(X-seal, X-cut,
X-seal)

Top/Bottom X-Seal, X-cut



Edge Seal

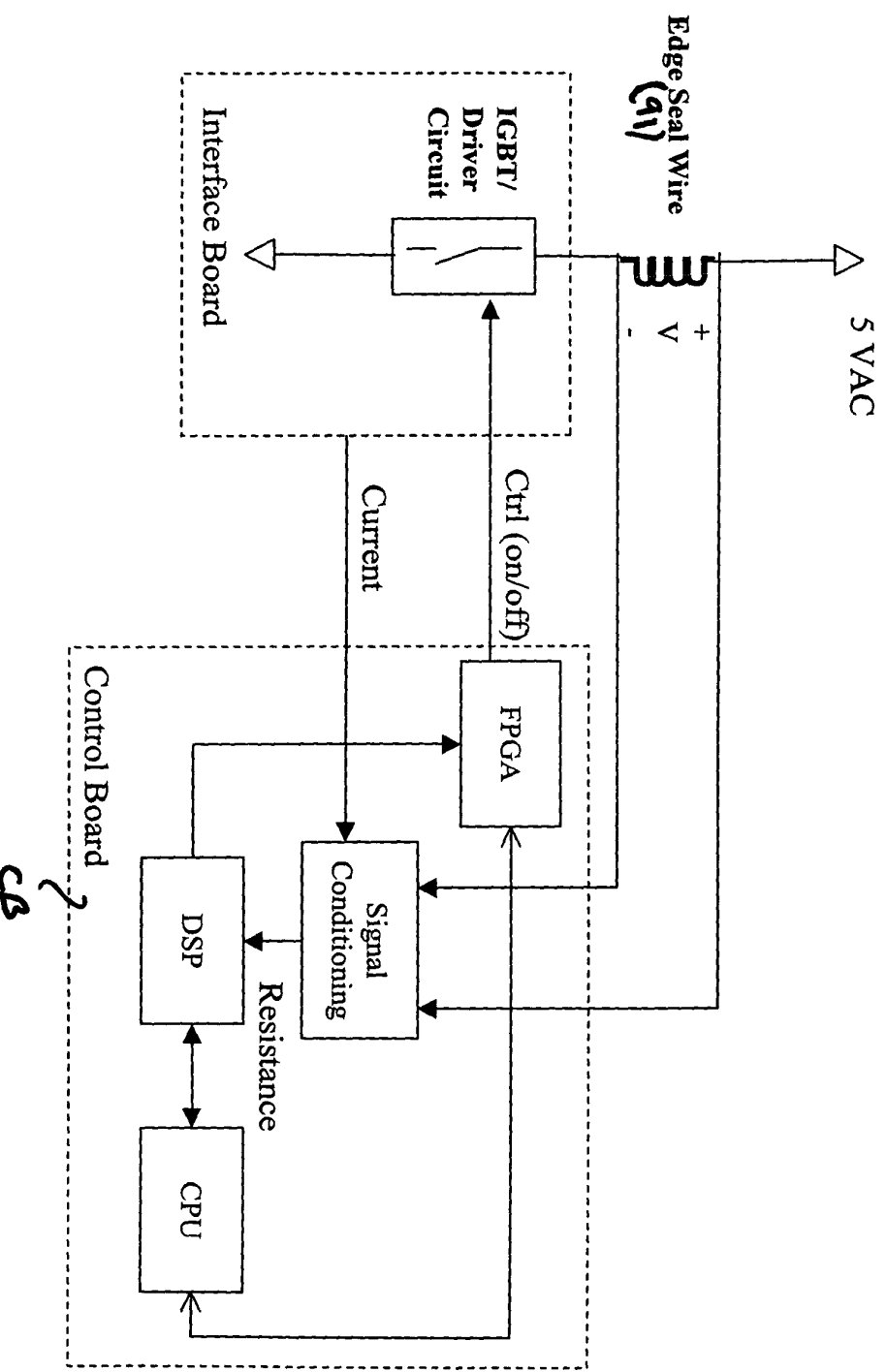


FIG. 188

Moving Jaw

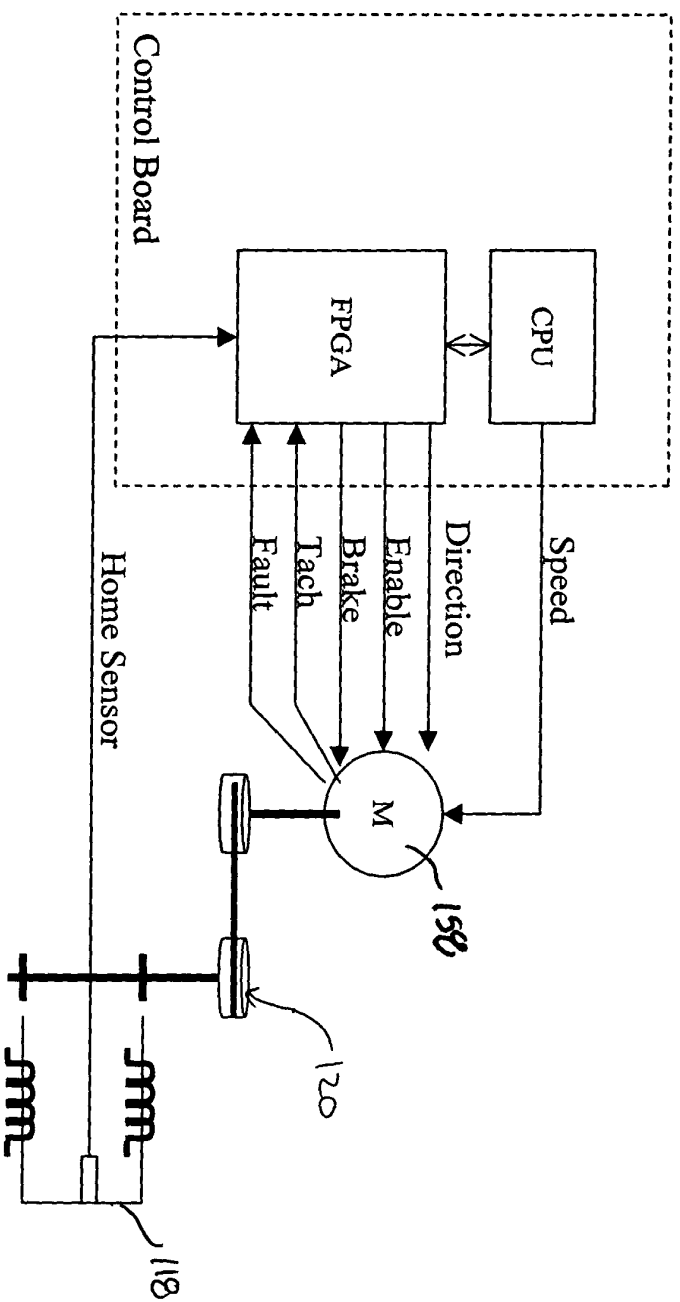
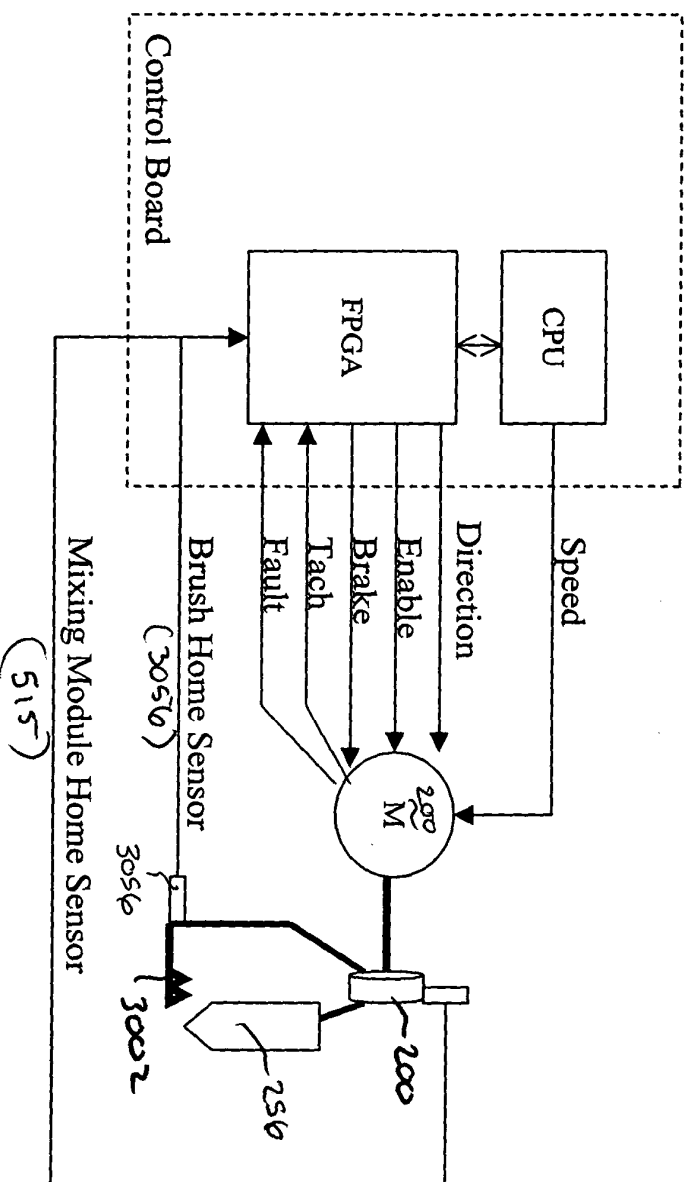


FIG. 189

Chemical Dispensing/Tip Cleaning



Film Advance/Tracking

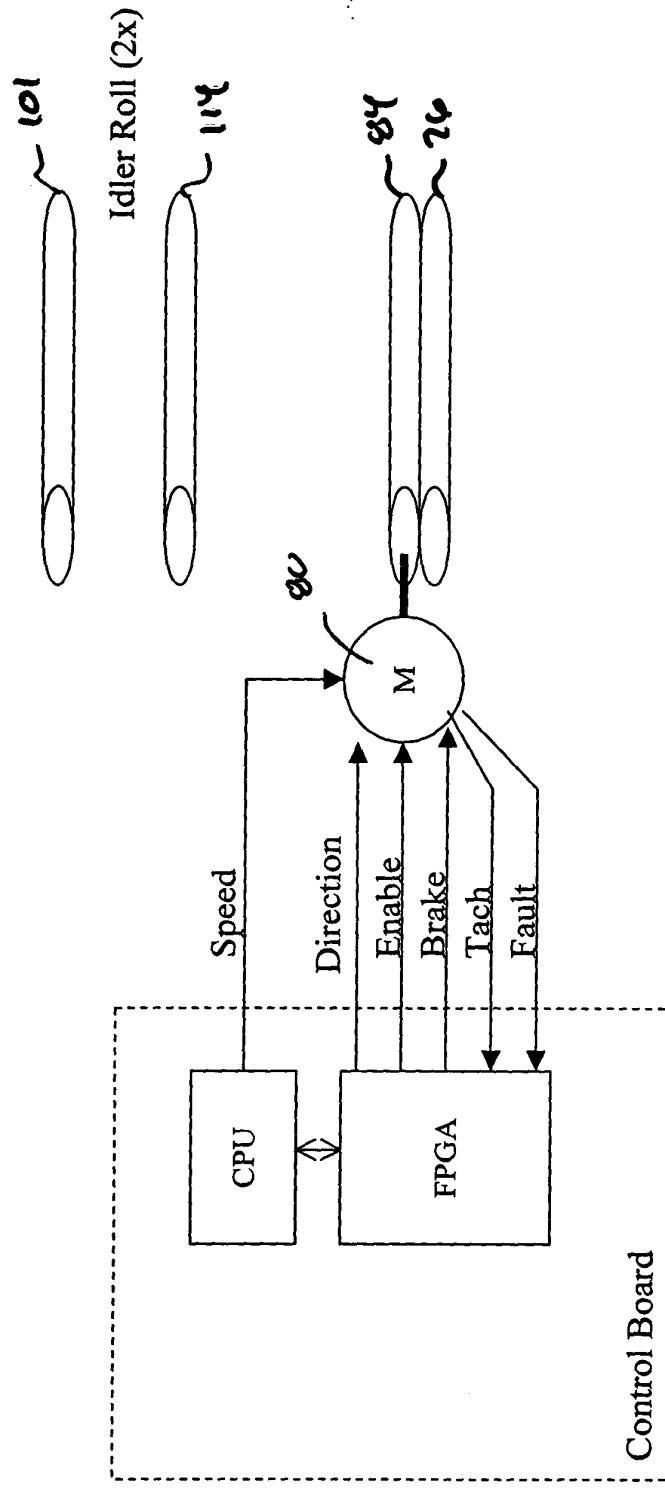


FIG. 191

Film Tension

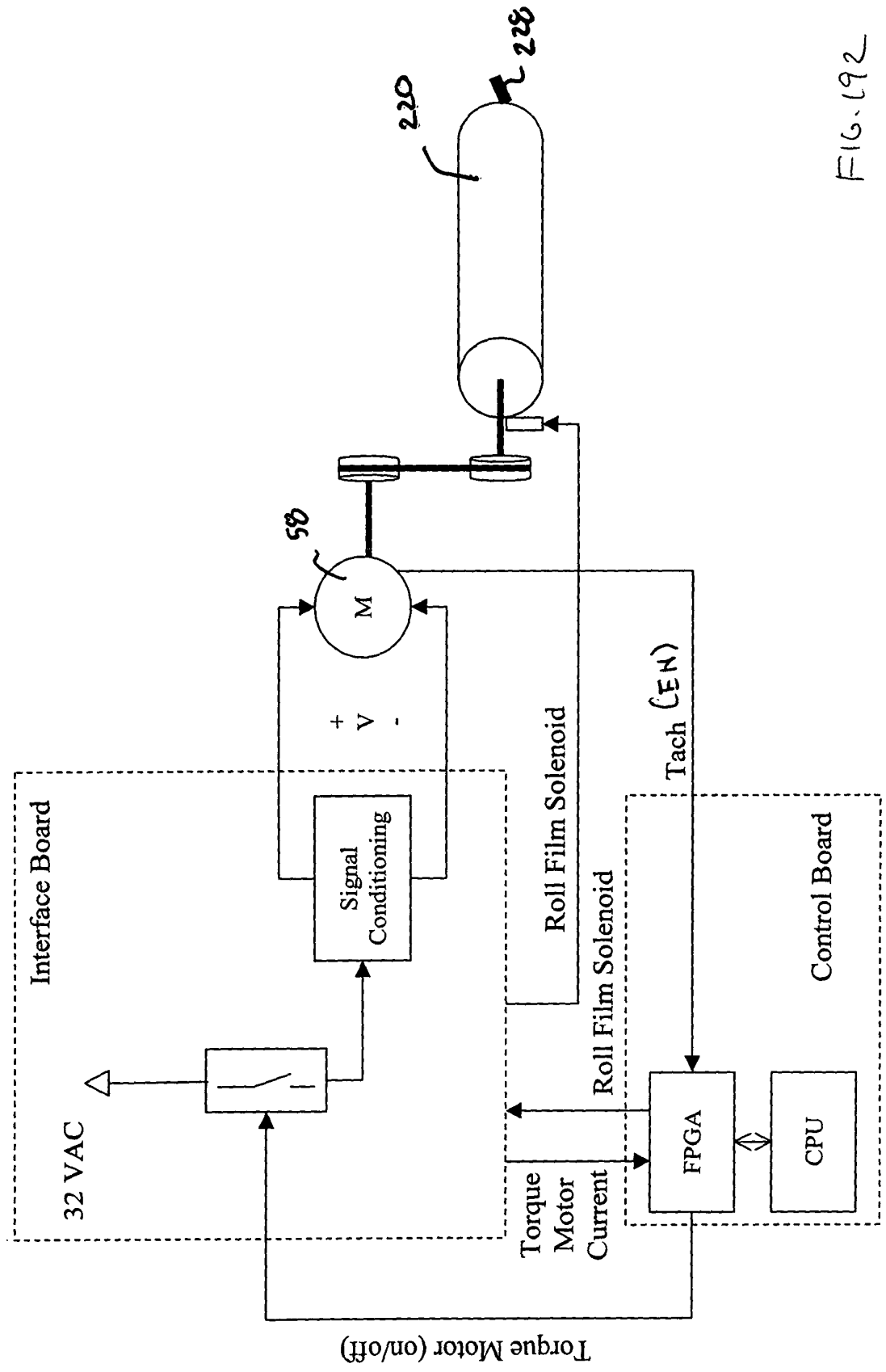
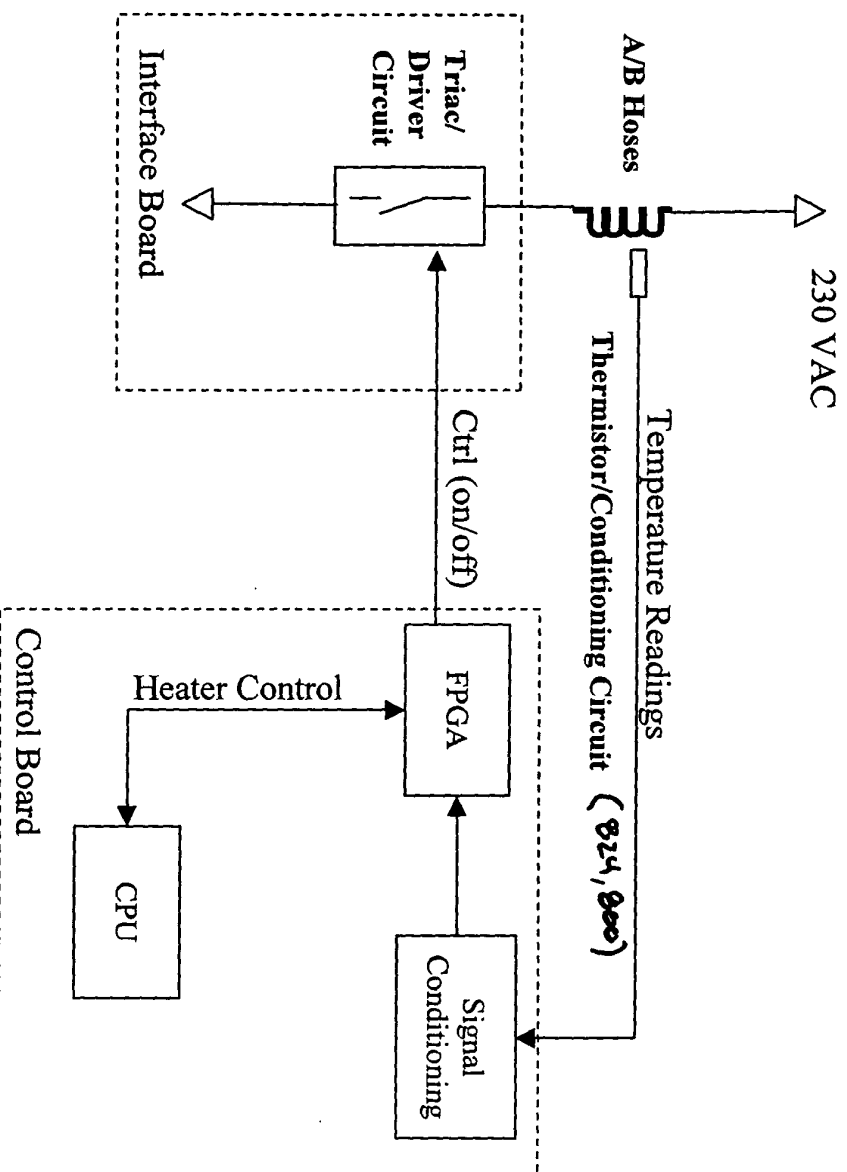


FIG. 192

Chemical Temperature Control (Hoses)



Chemical Temperature Control (Manifold Zones)

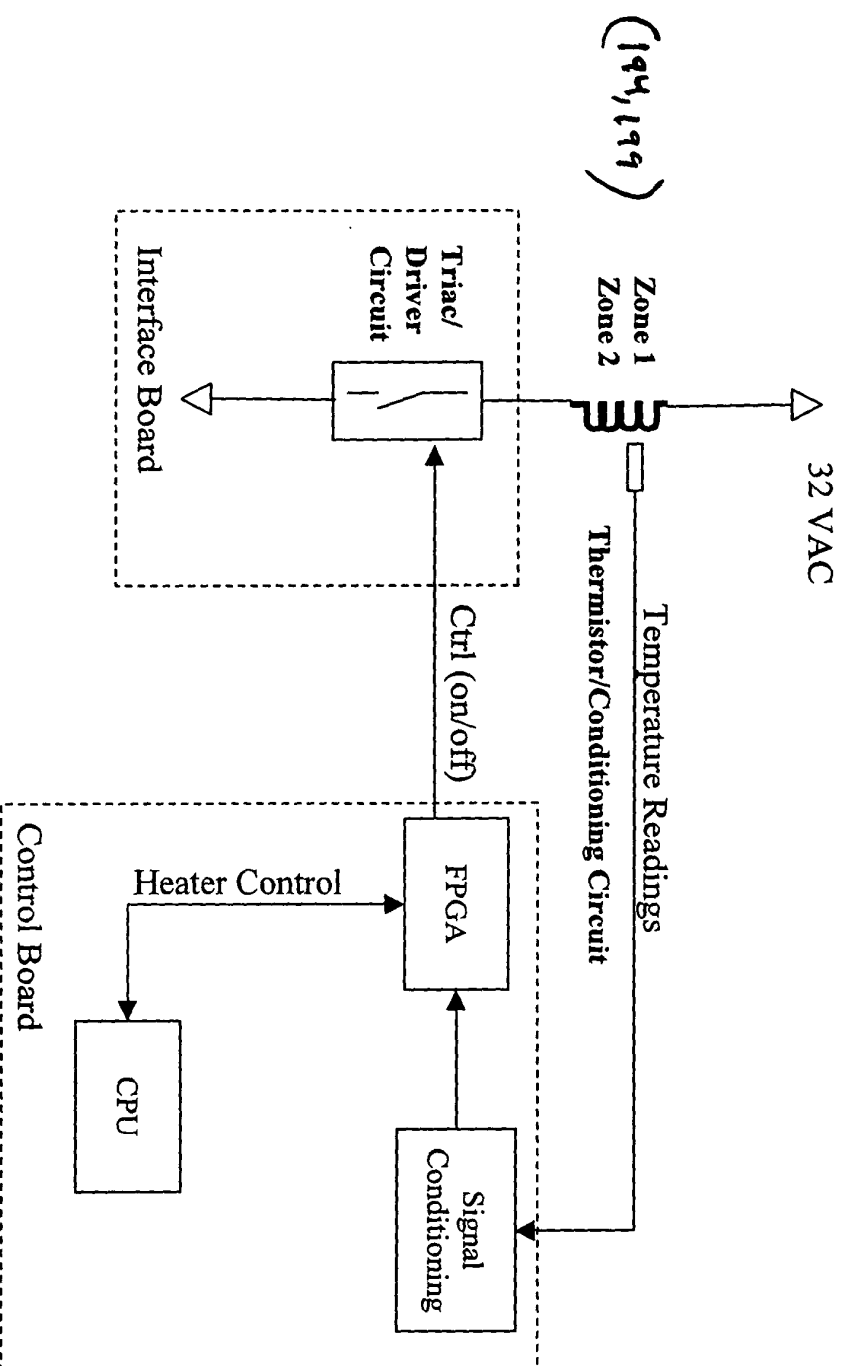


FIG. 194

Chemical Pressure

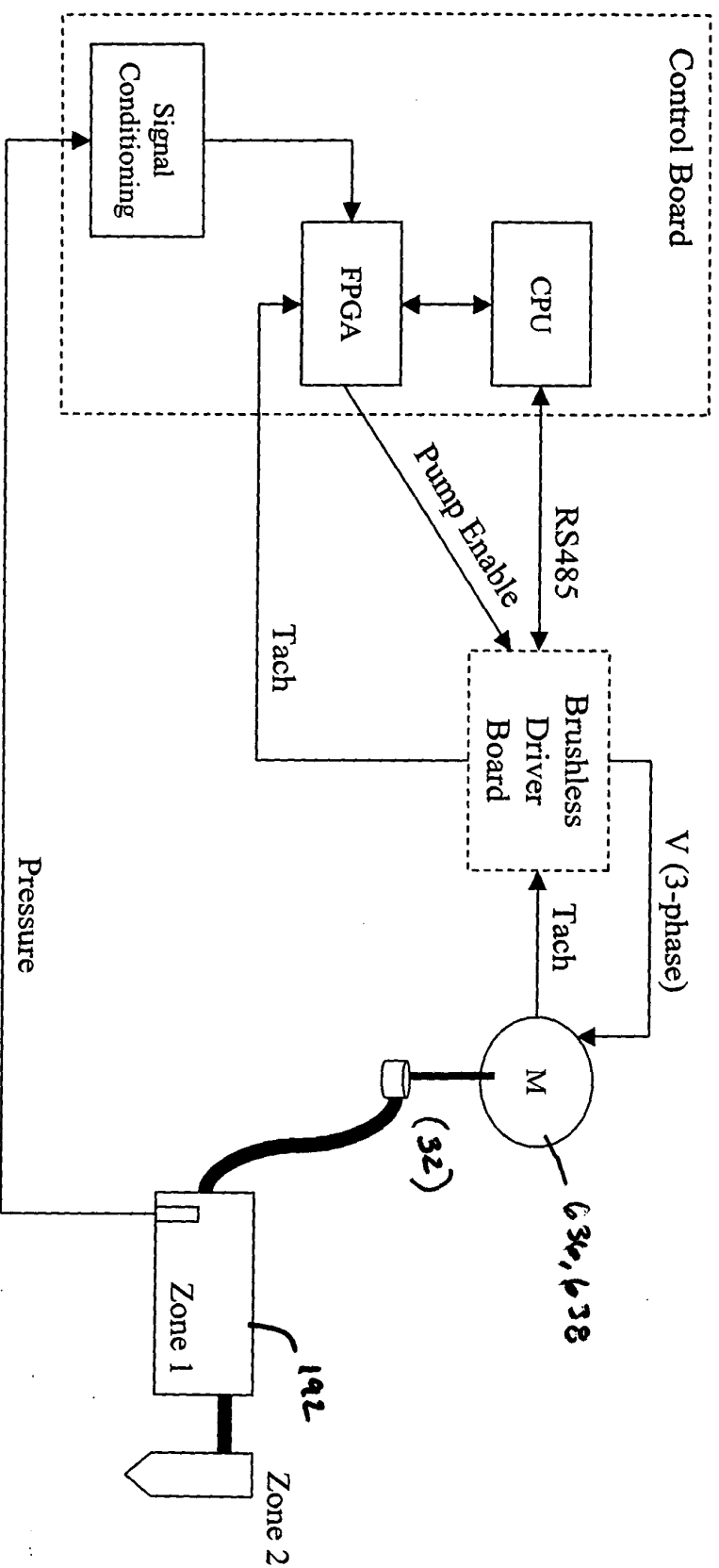


FIG. 195

Solvent System Control

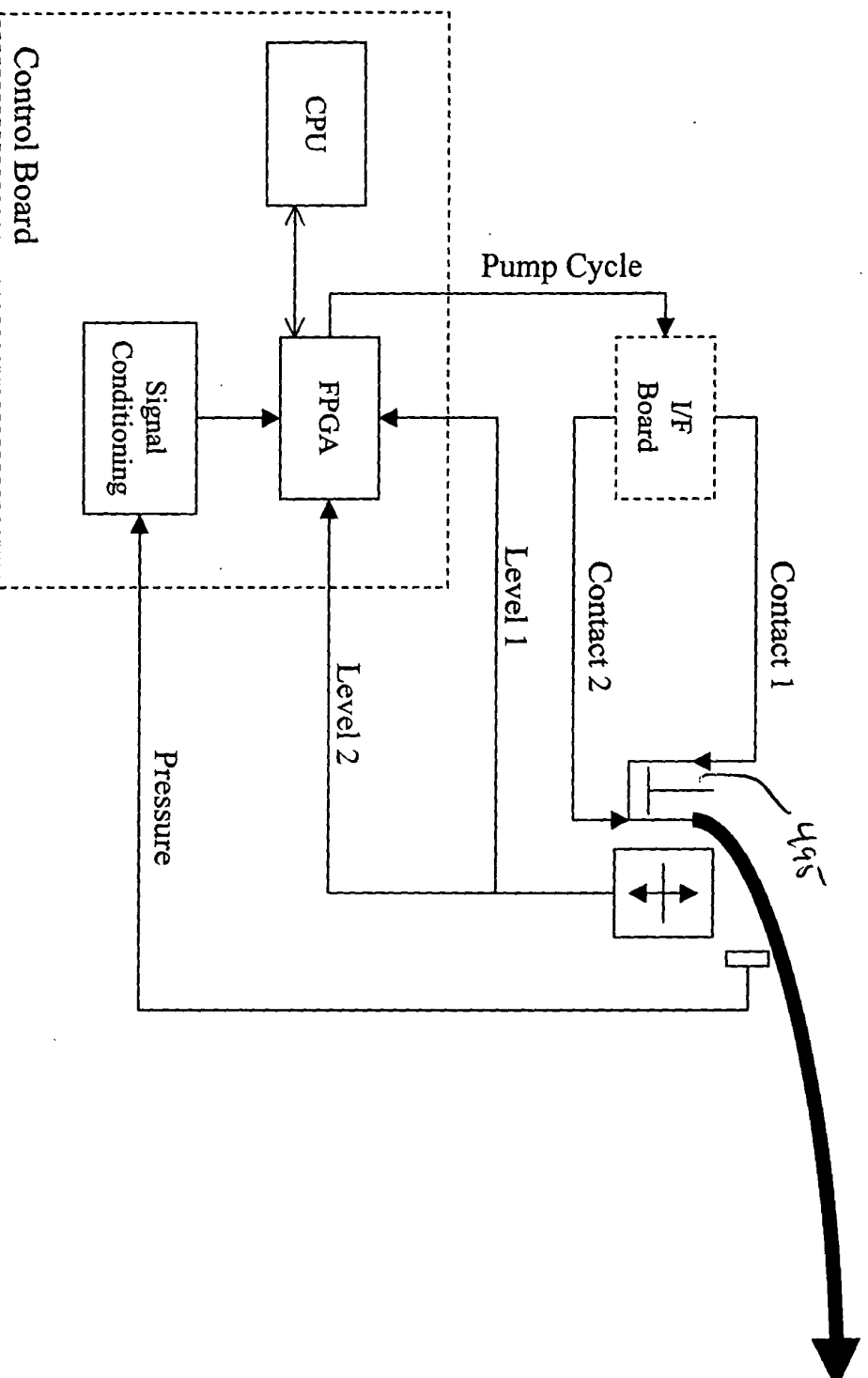
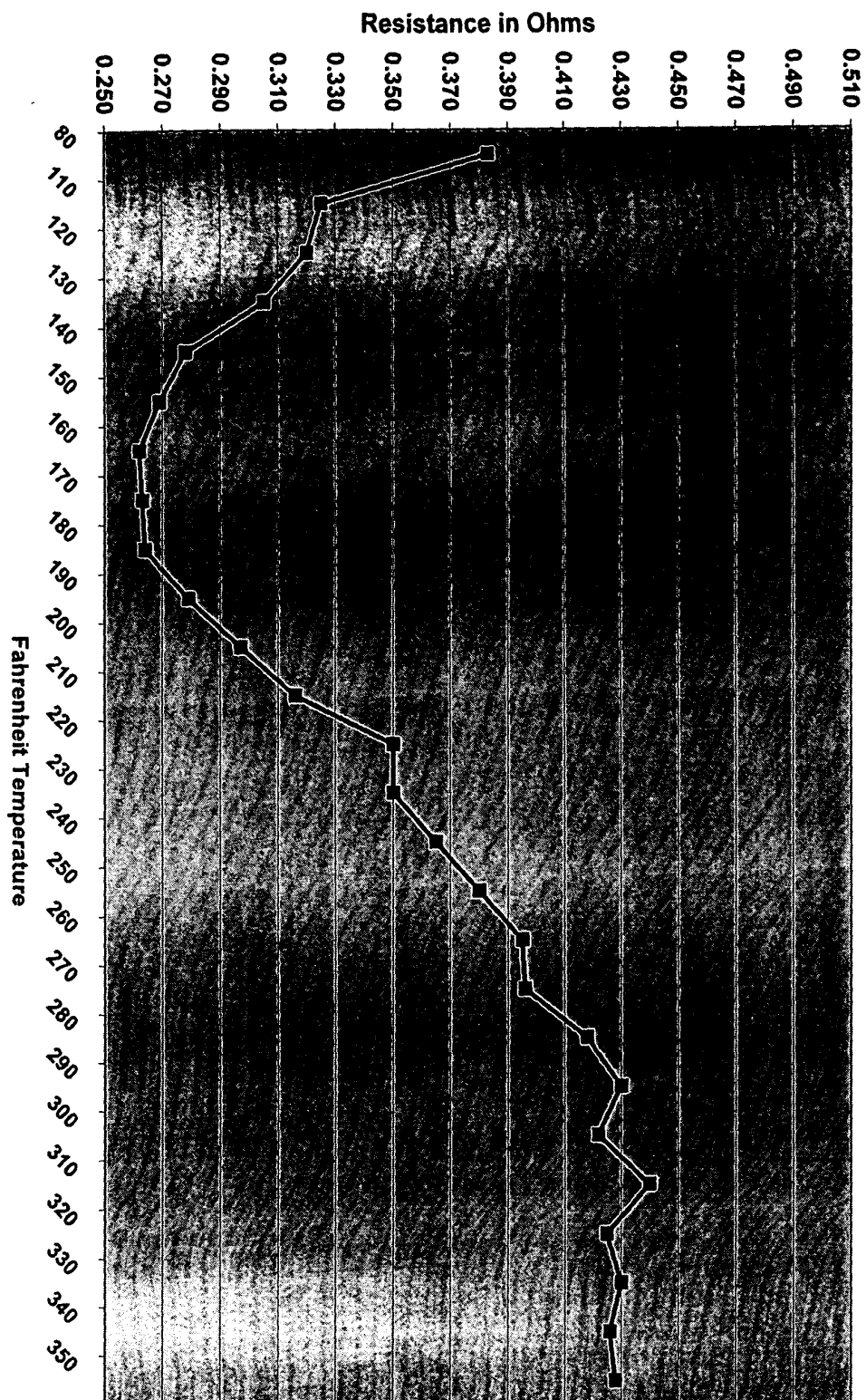


FIG. 196

FIG. 197



Film Advance/Tension Motor Tach Ratio

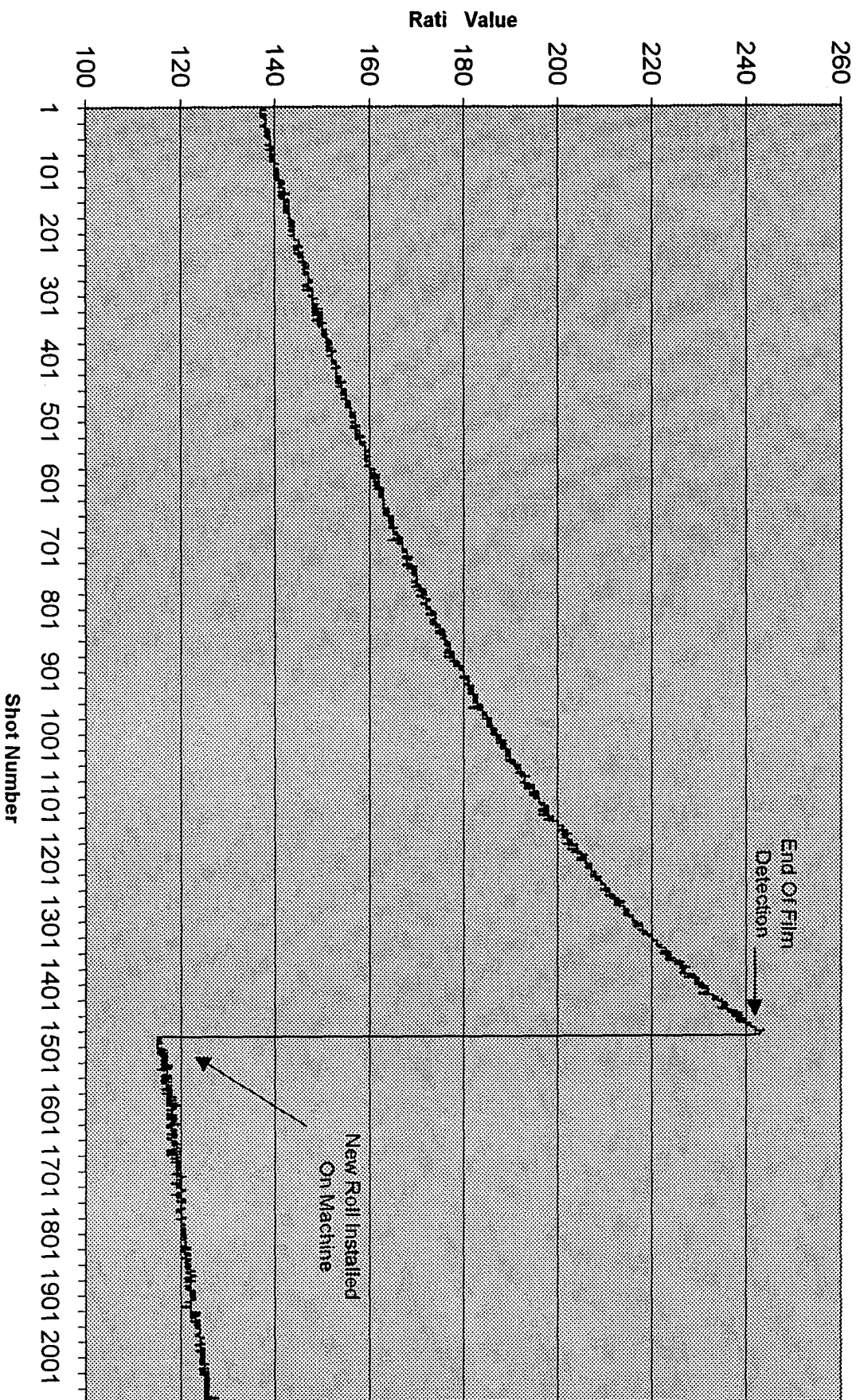


FIG. 198

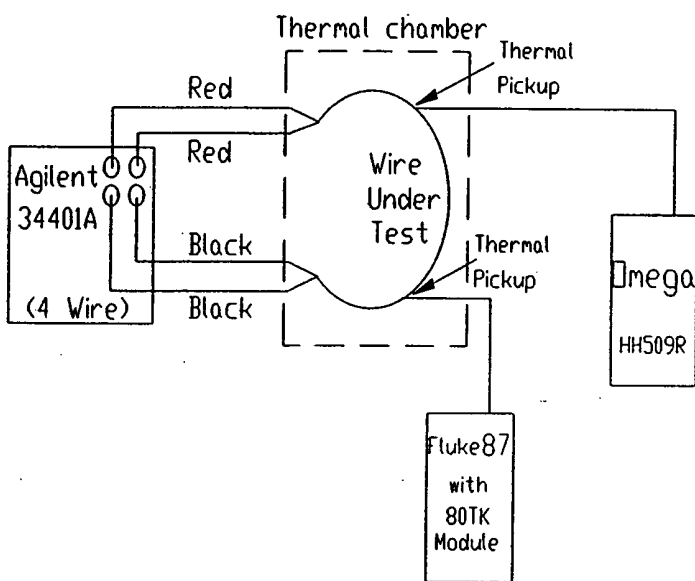


FIG. 199